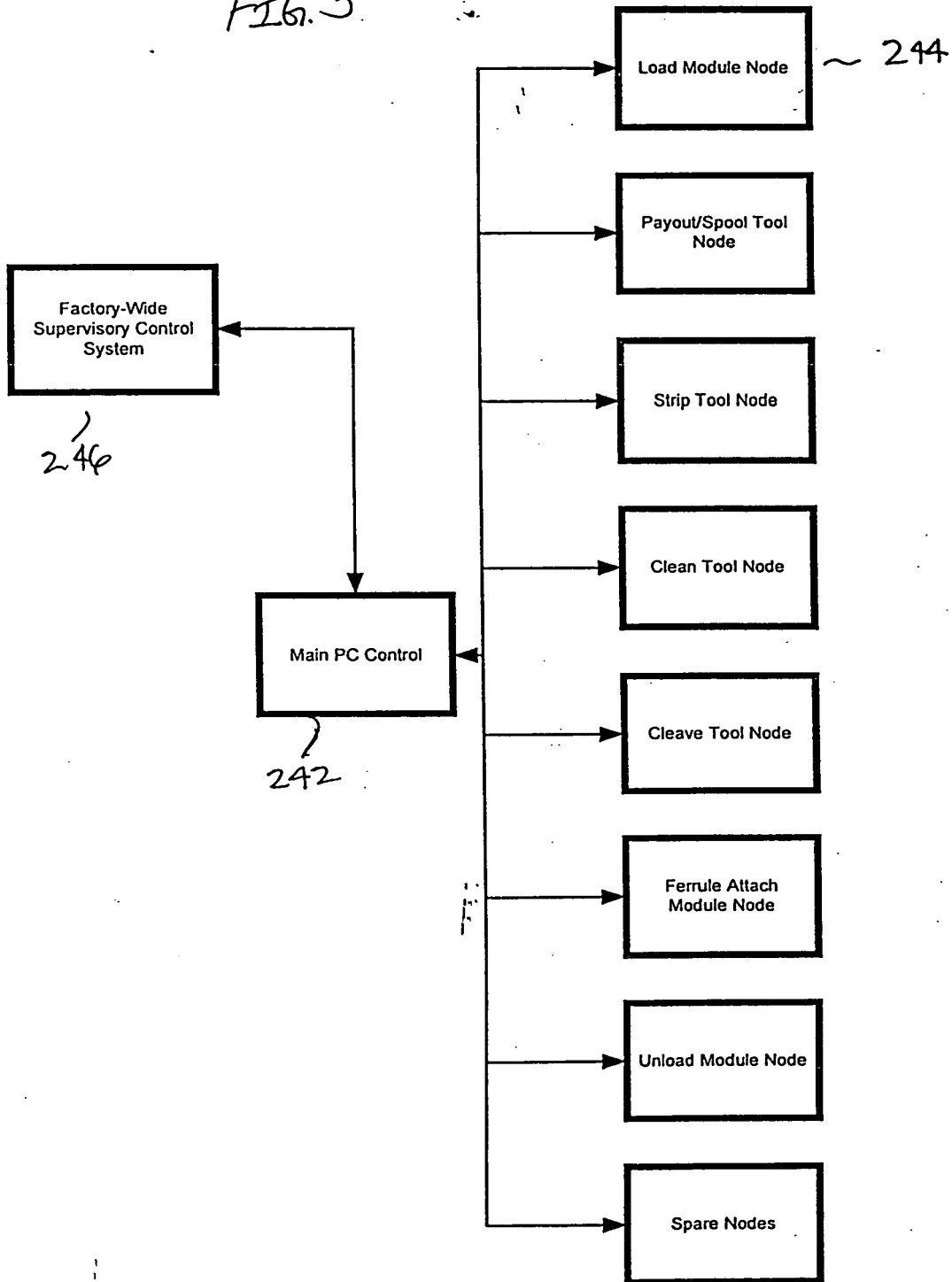


FIG. 1

FIG. 3



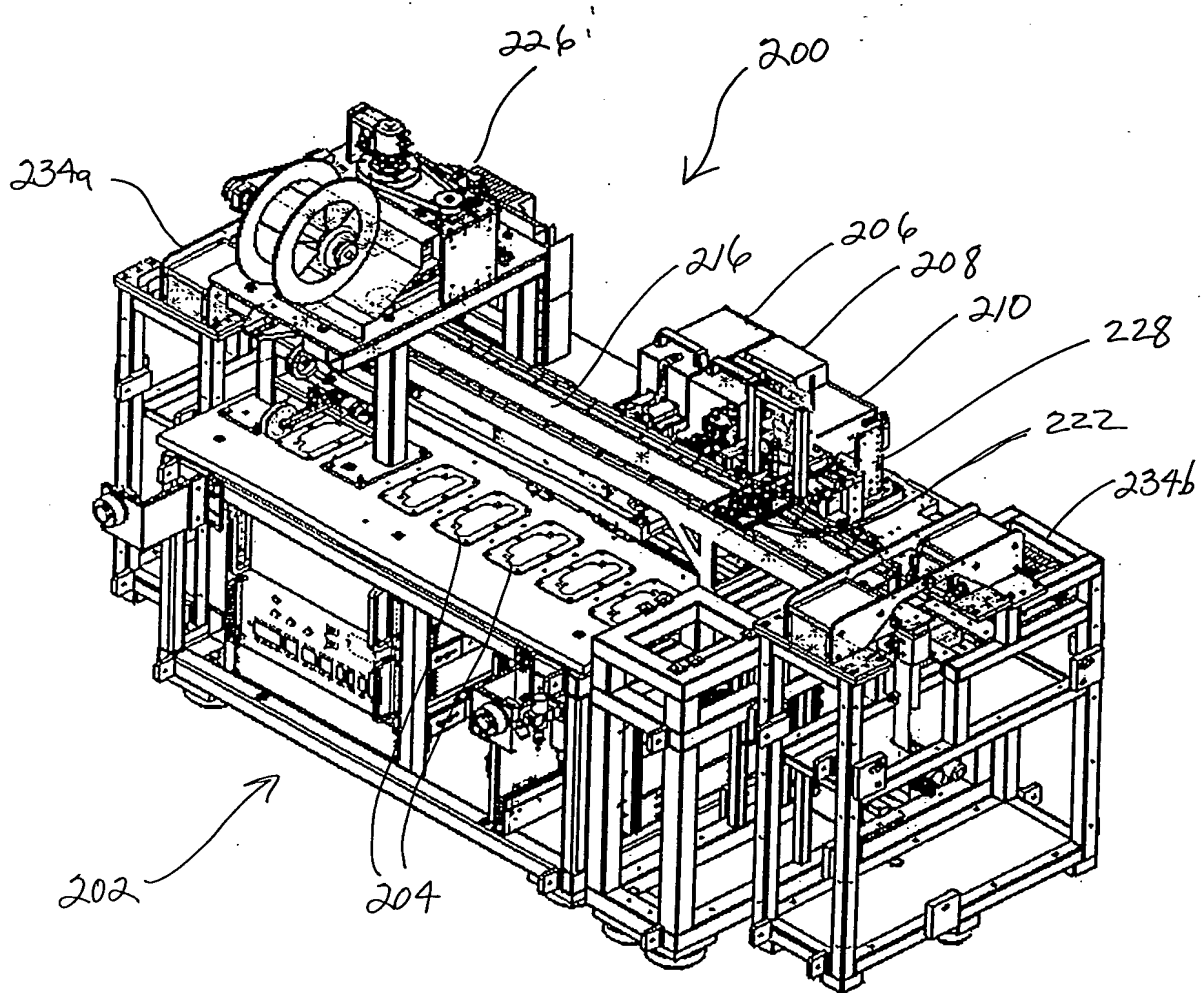


FIG. 4

APPARATUS & METHOD FOR
AUTOMATED PREPARATION OF
AN OPTICAL FIBER

Christopher et al.

09/900,532

Sheet 4 of 84

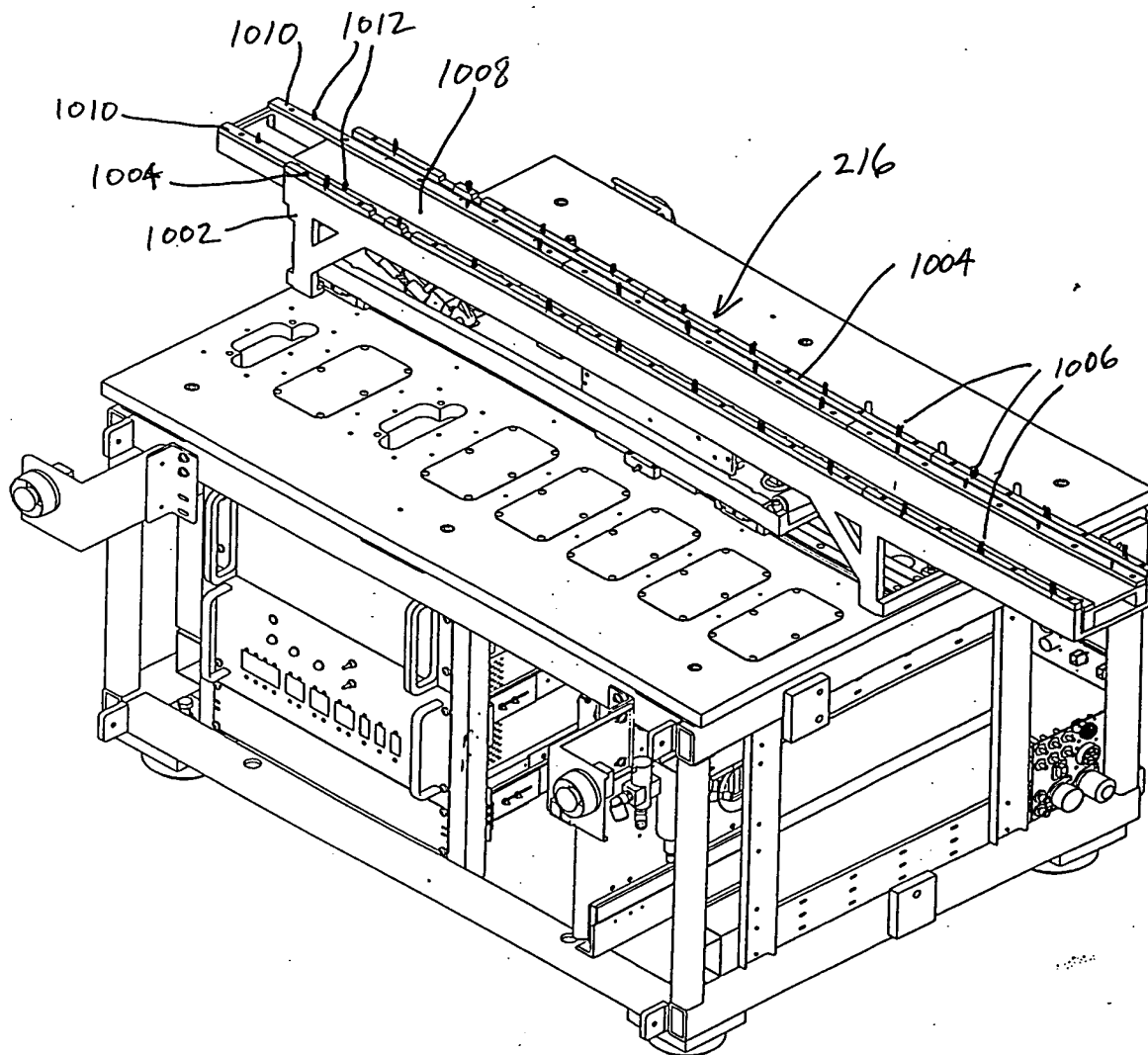


FIG. 5

FIG. 5

FIG. 6

(a) The assembly is in a rest state. A weight 222 is positioned on a horizontal beam 1010. A lever arm 1018 is pivoted at one end to the beam and at the other end to a vertical support 1026. A spring 1024 is connected to the support and a block 1024. The beam is supported by a base 1004.

(b) A downward force is applied to the weight 222, causing the beam 1010 to rotate downwards. The lever arm 1018 moves downwards and to the left, compressing the spring 1024.

(c) The beam 1010 continues to rotate downwards, and the lever arm 1018 moves further downwards and to the left, further compressing the spring 1024.

(d) The beam 1010 is shown in a dashed position, indicating it has moved upwards. The lever arm 1018 is also shown in a dashed position, indicating it has moved upwards and to the right, extending the spring 1024.

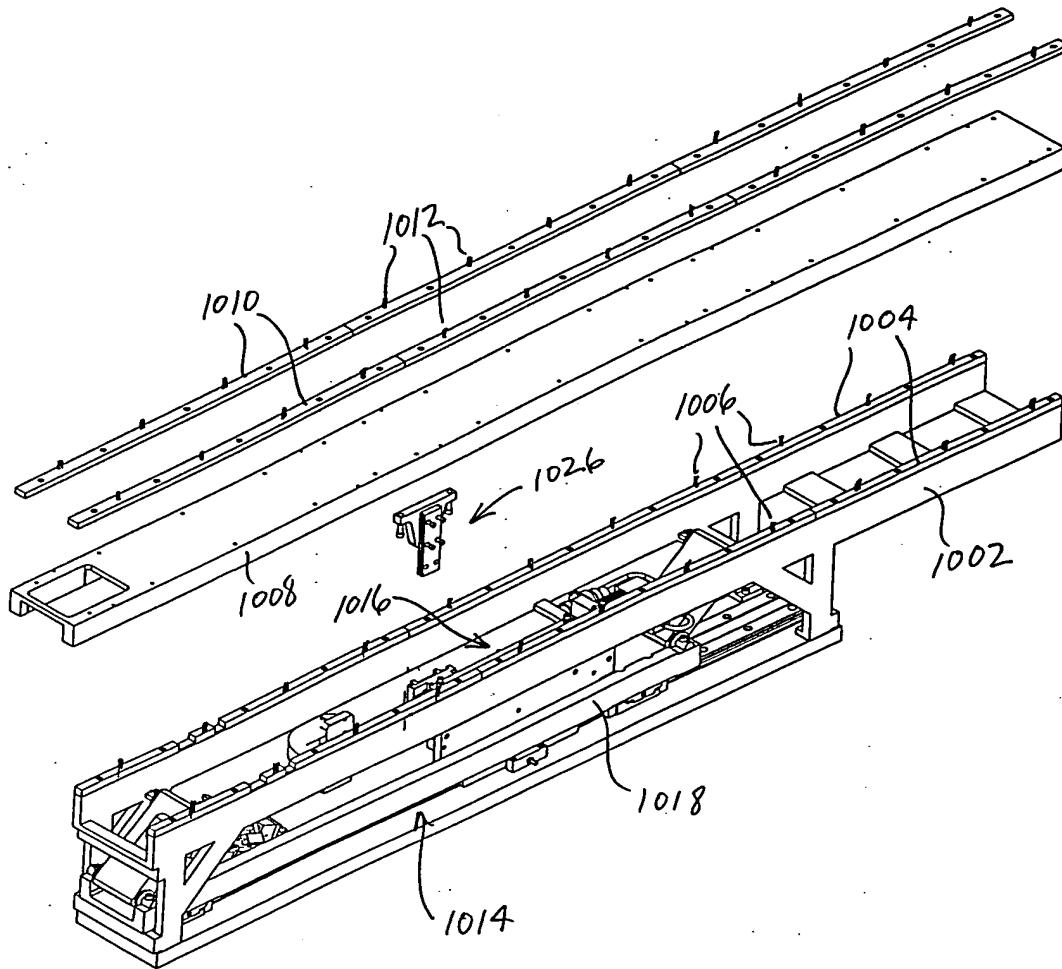


FIG. 7

FIG. 7

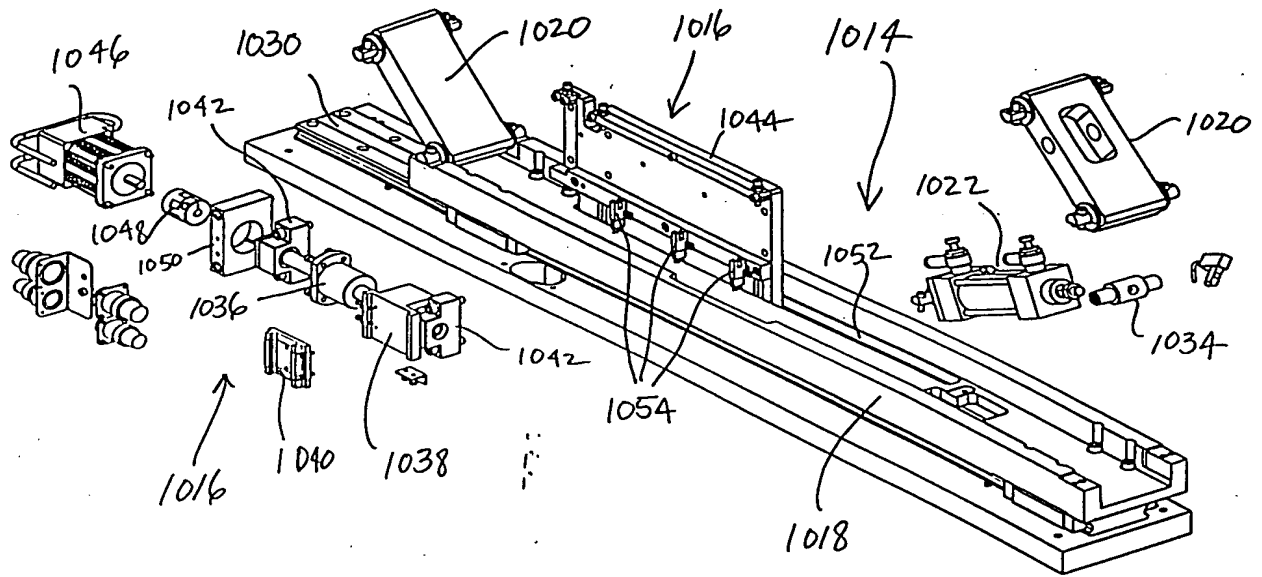


FIG. 8

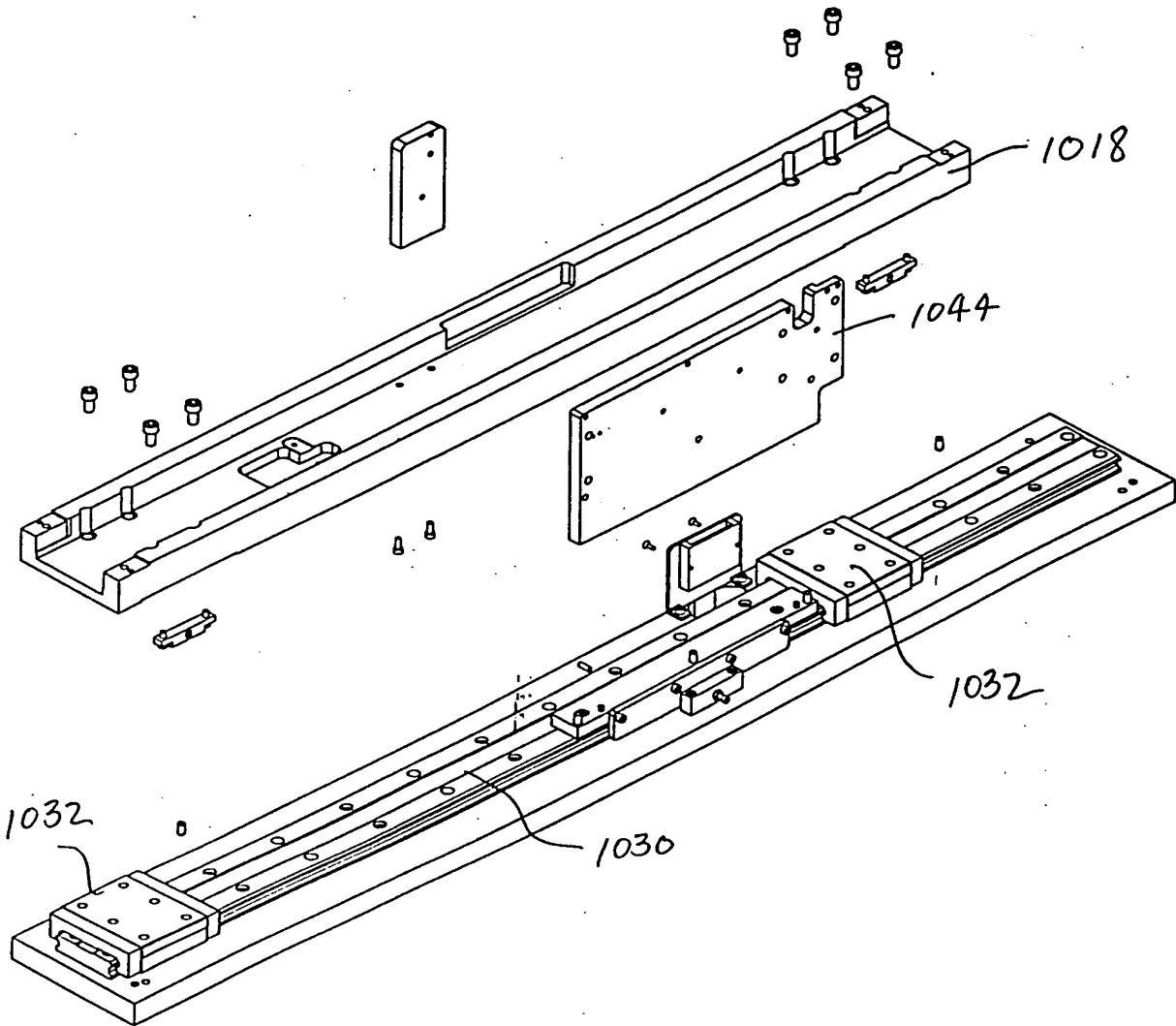


FIG. 9

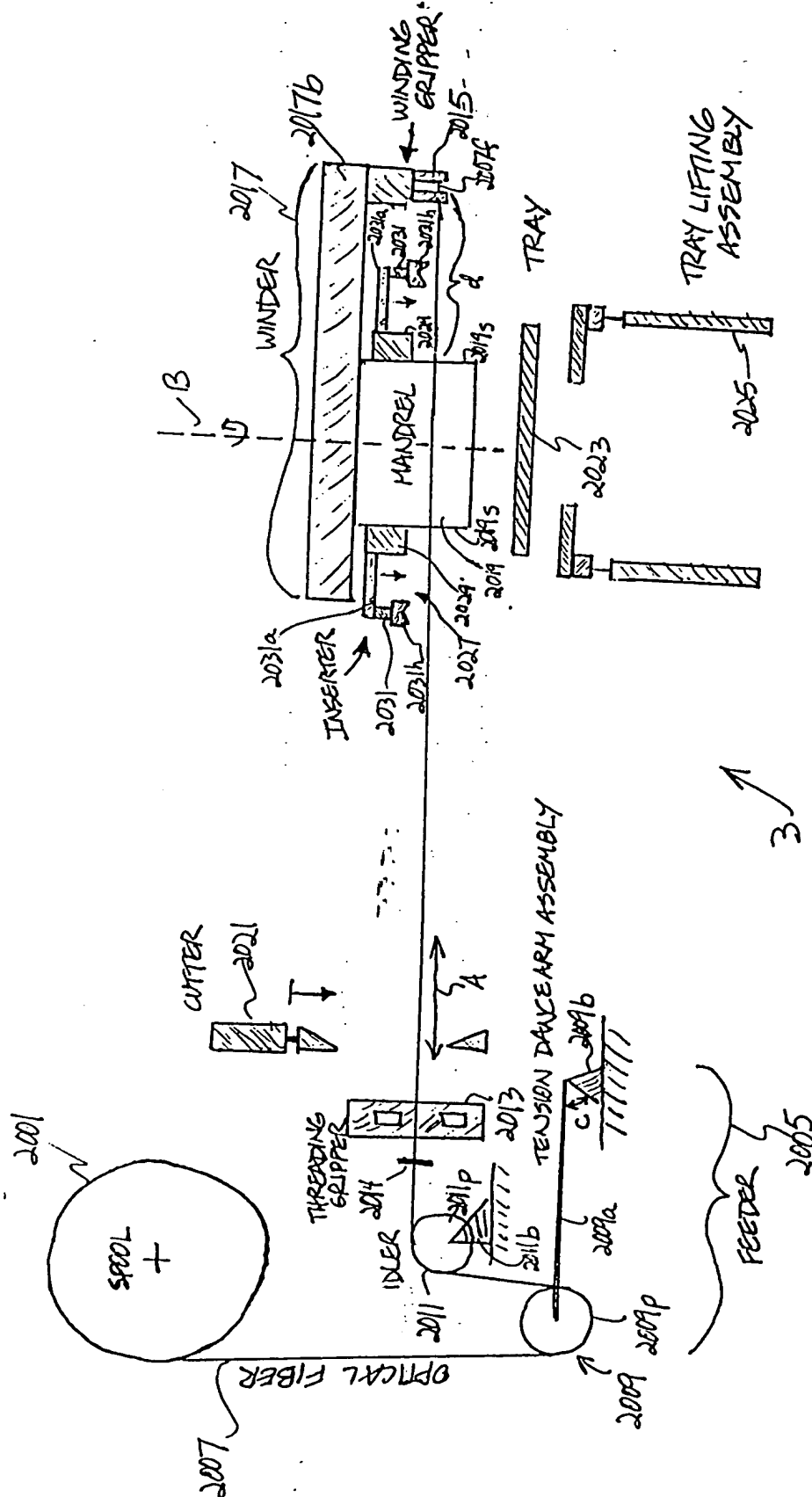


FIGURE 10

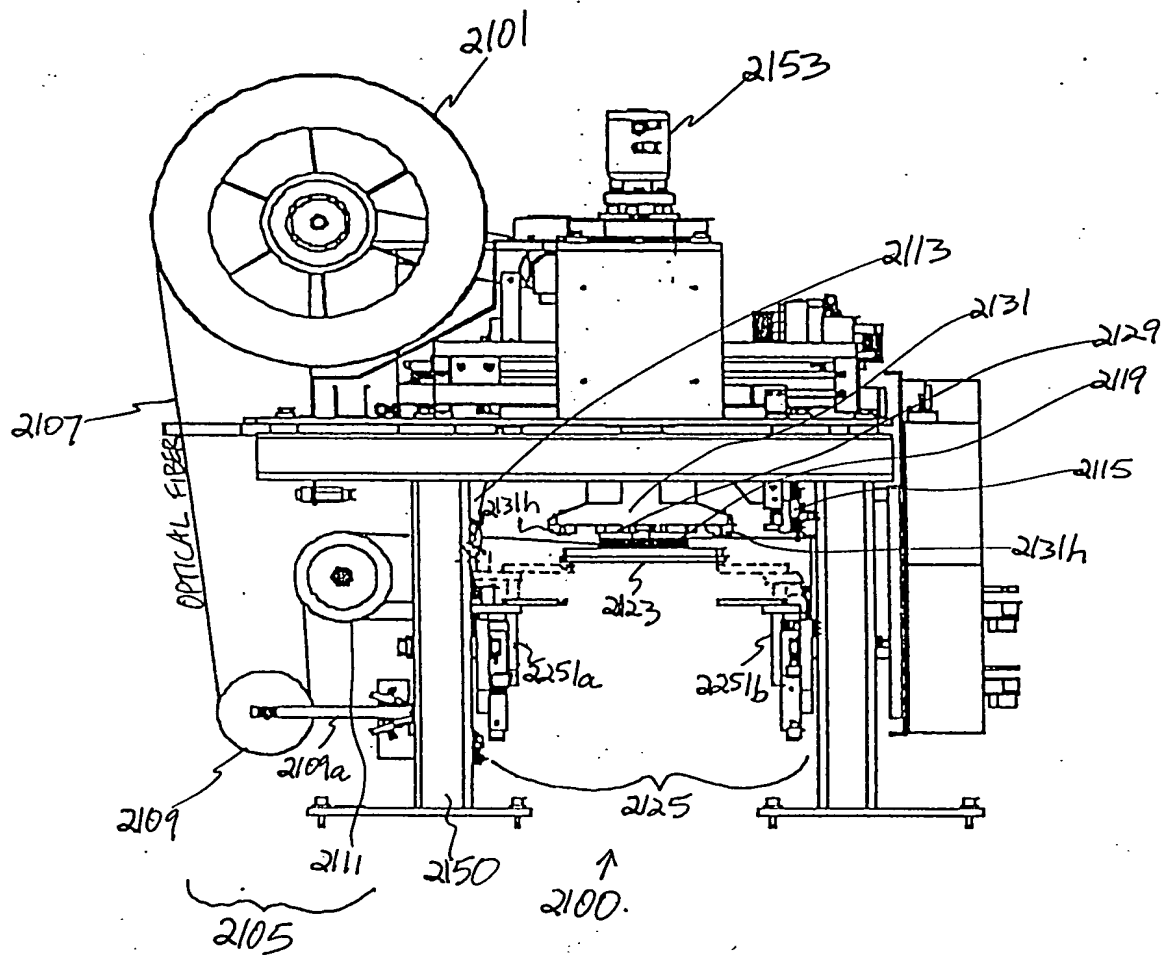


FIGURE 11

09900532-121801

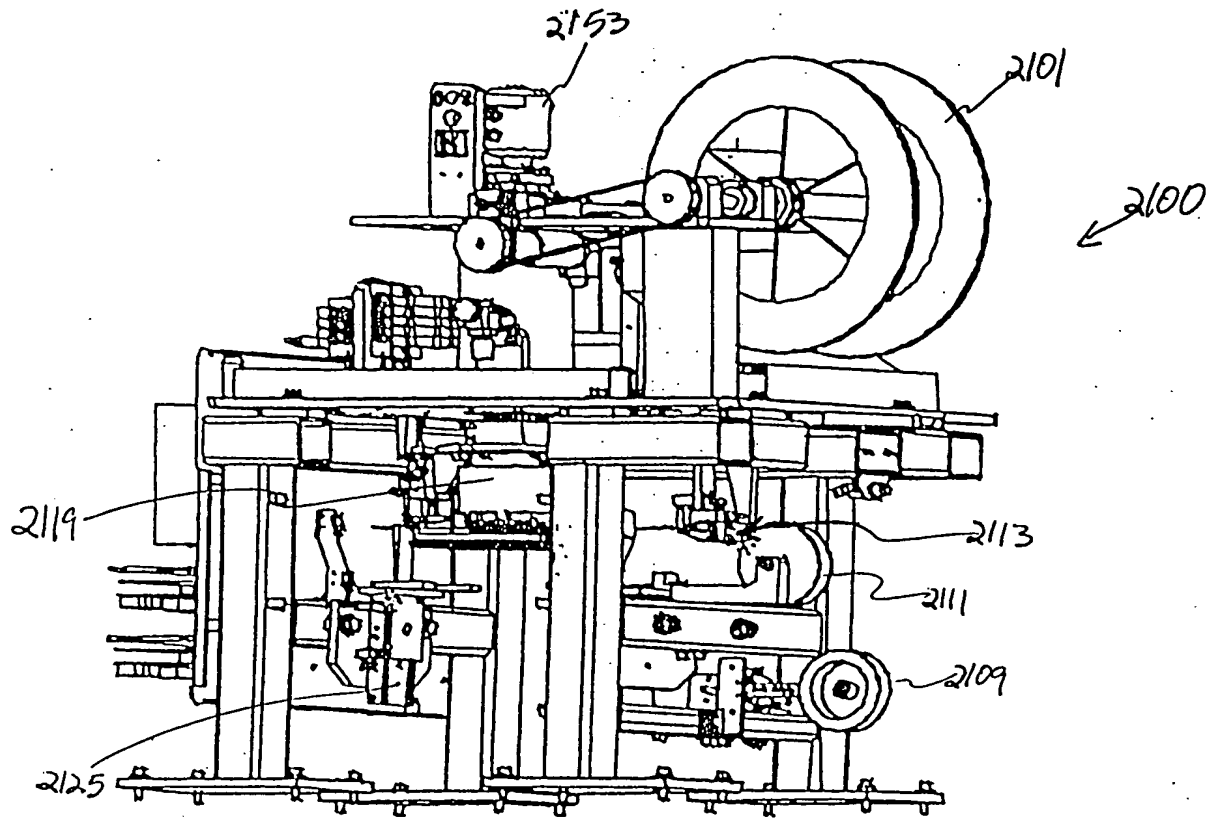


FIGURE 12

FIG. 12

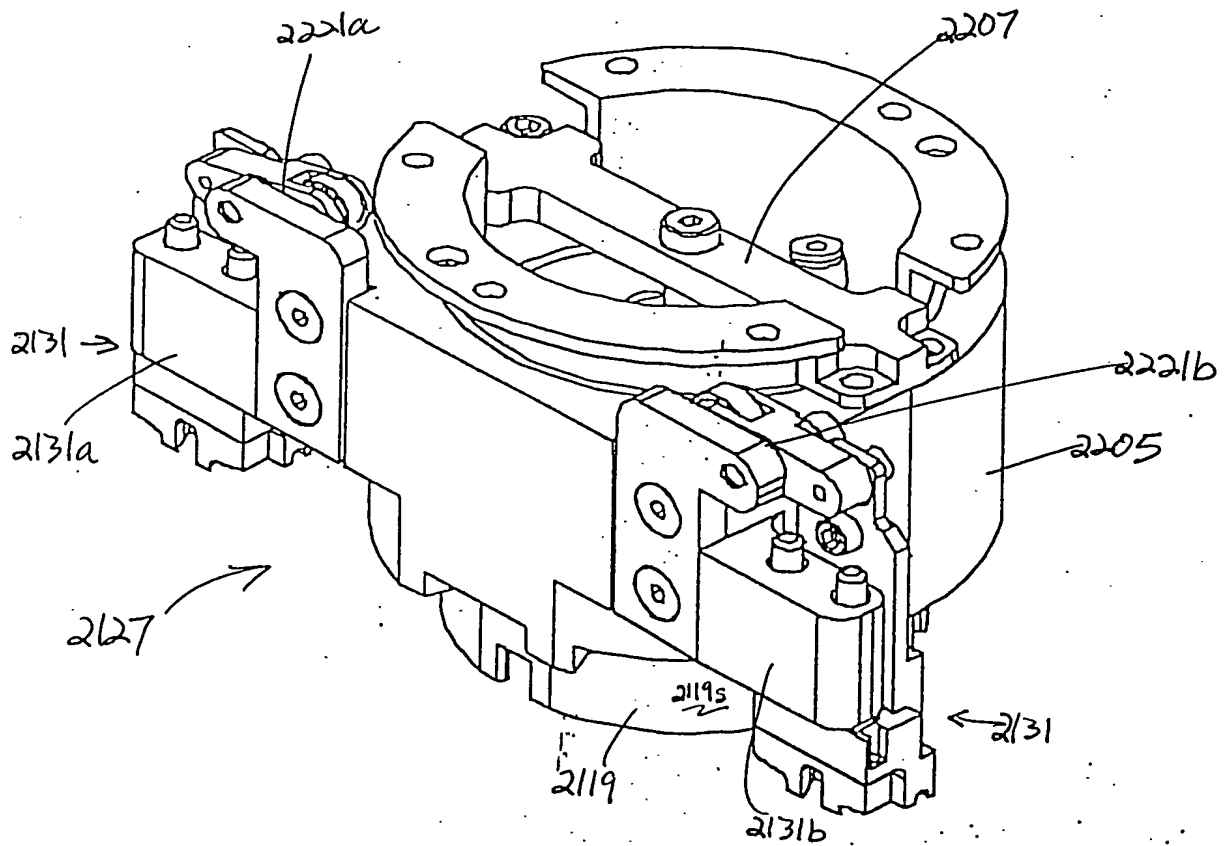


FIGURE 13

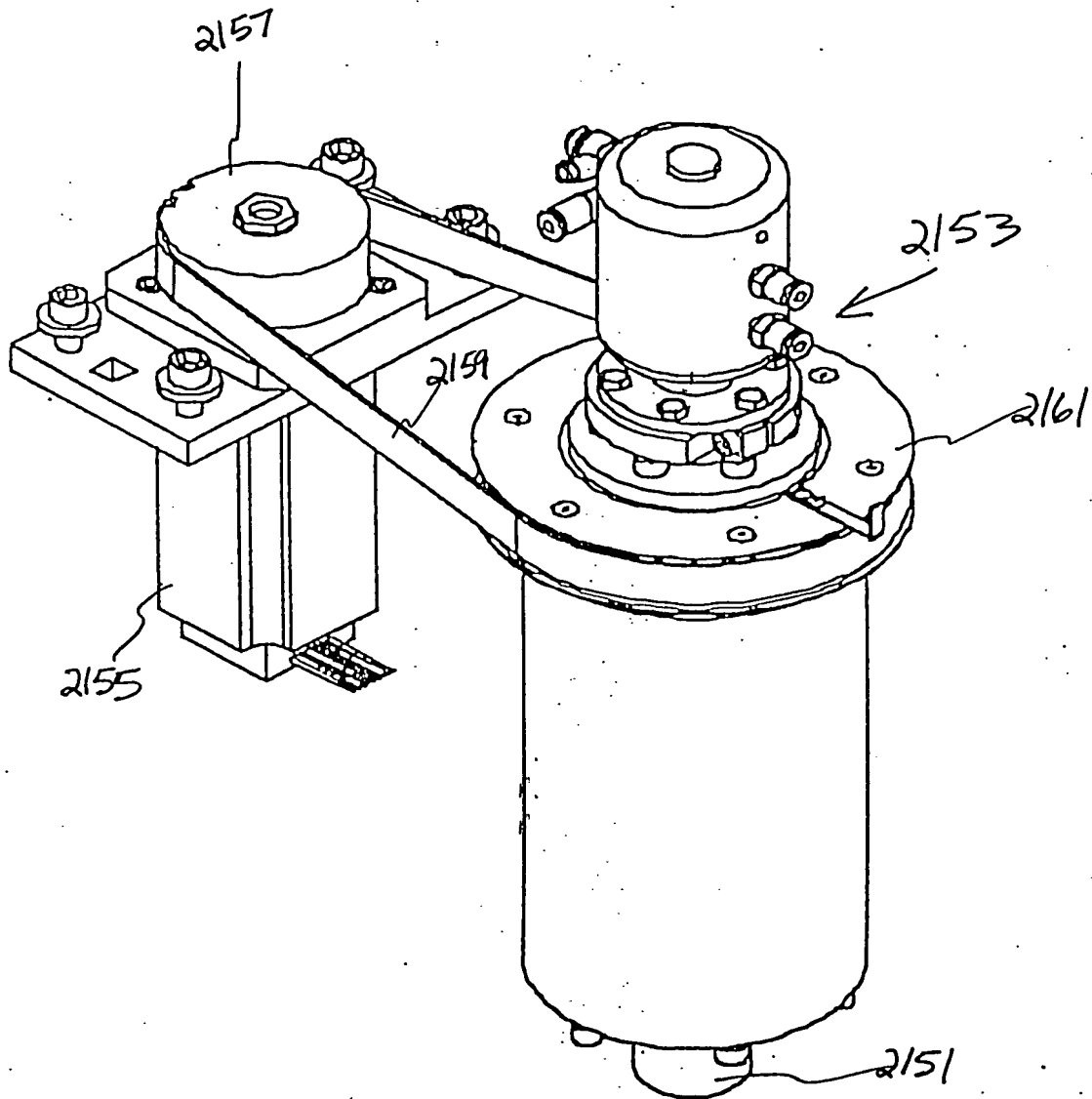


FIGURE 14

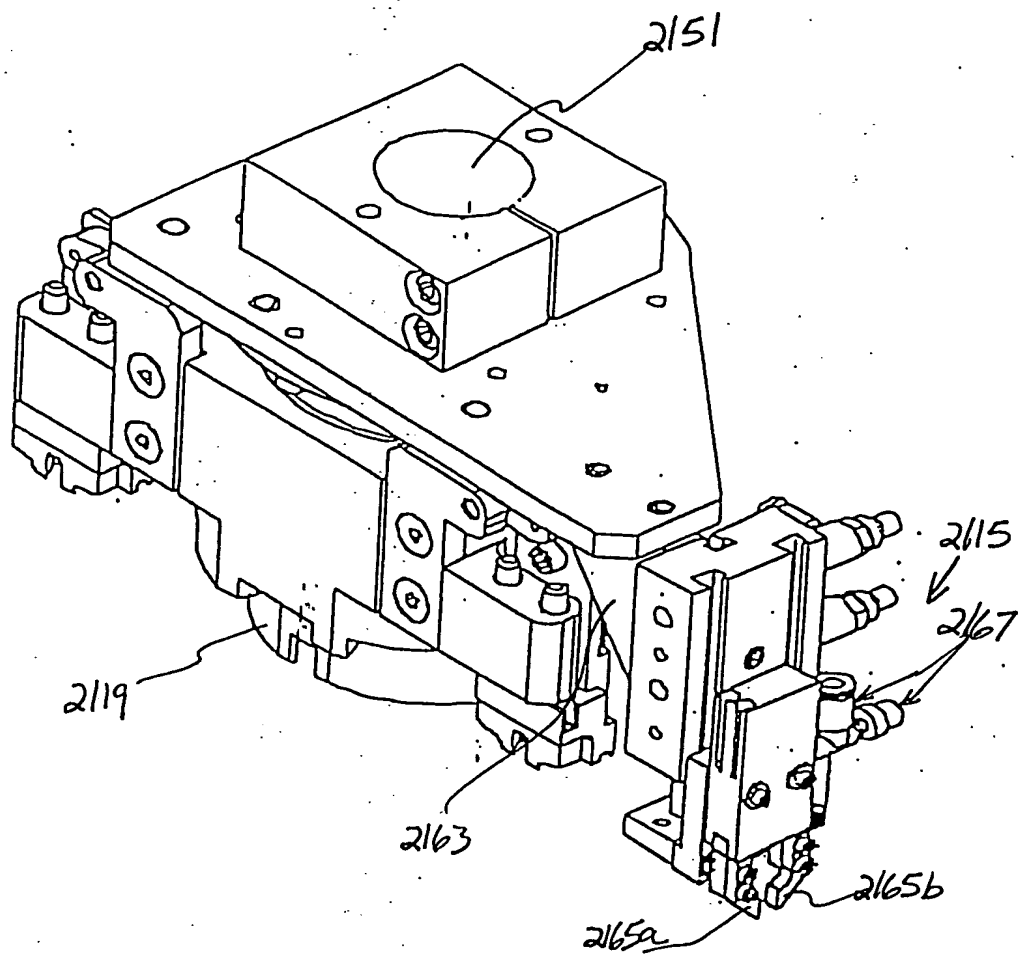


FIGURE 15

09900532 121801

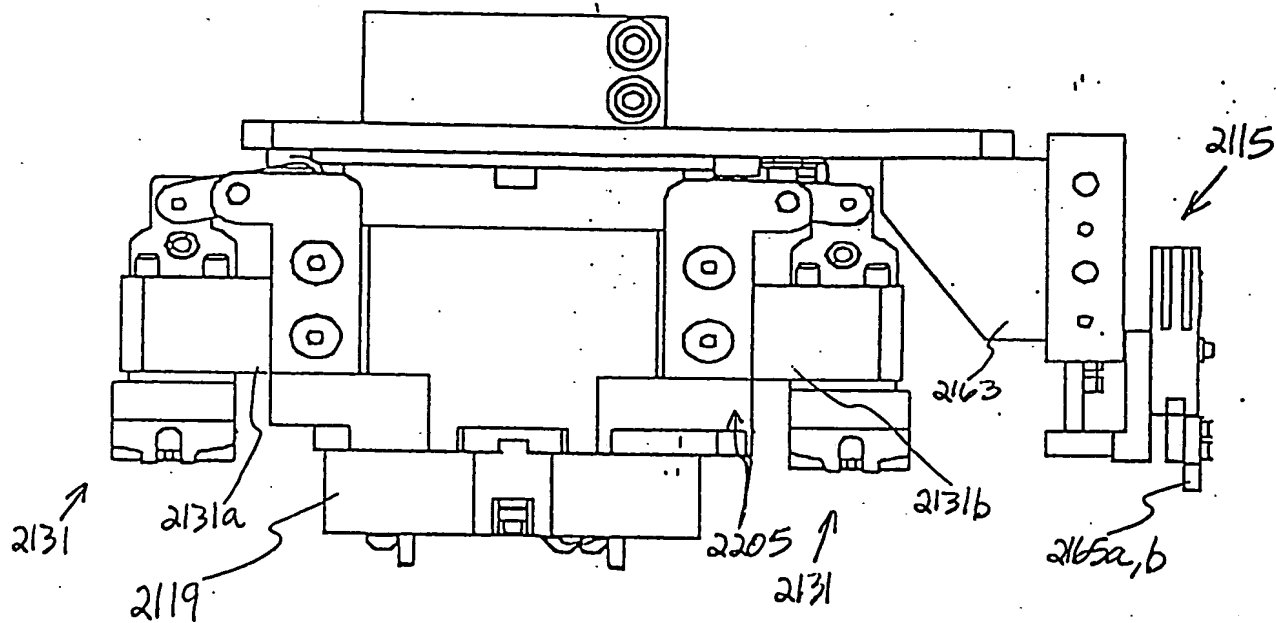


FIGURE 16

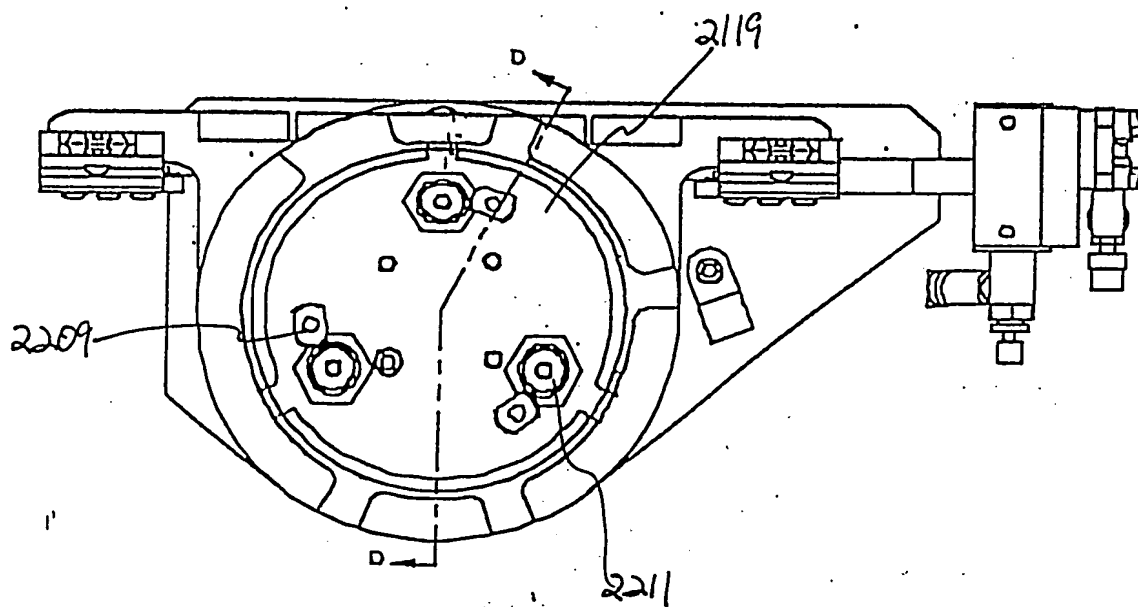


FIGURE 16a

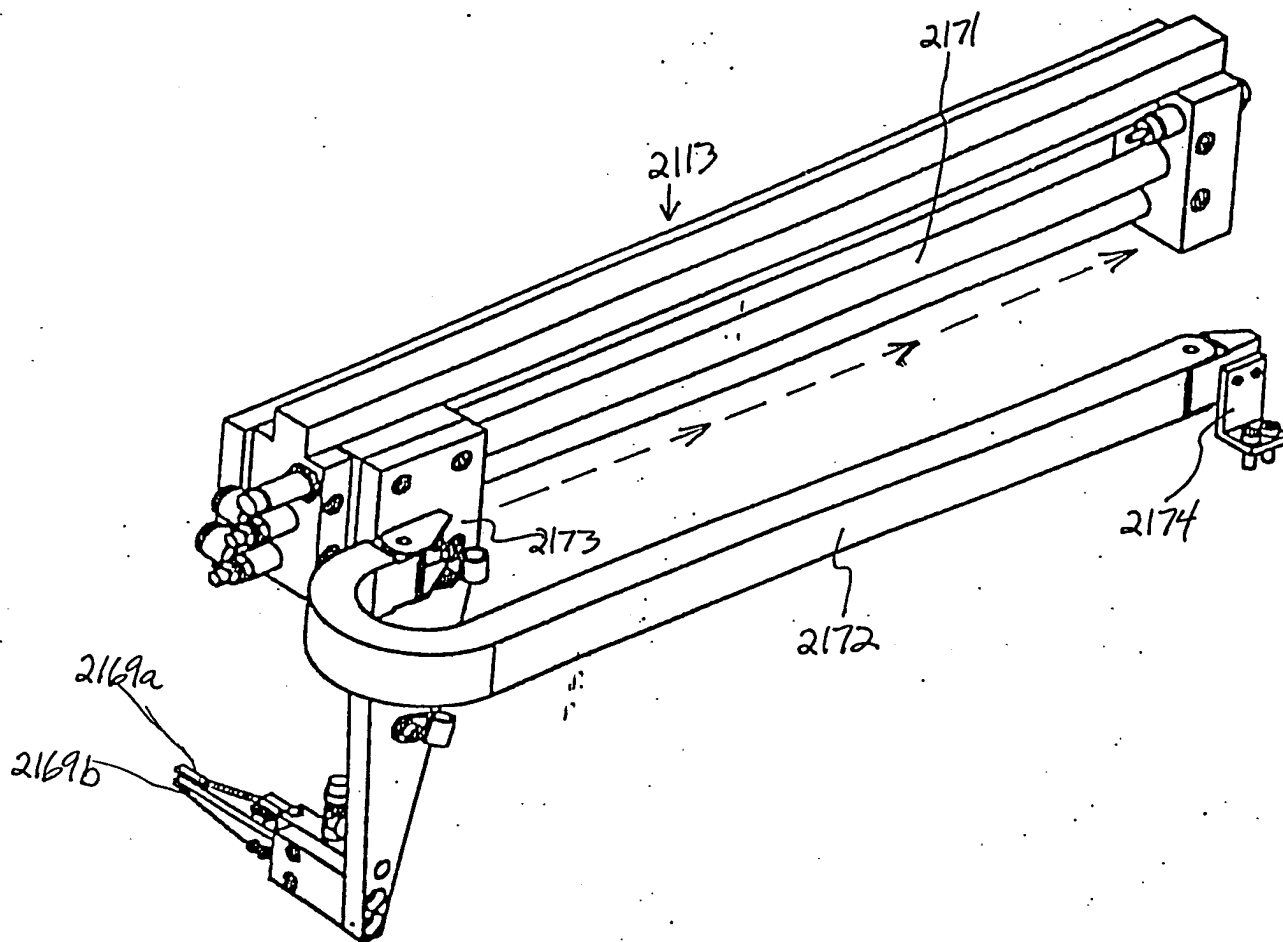


FIGURE 17

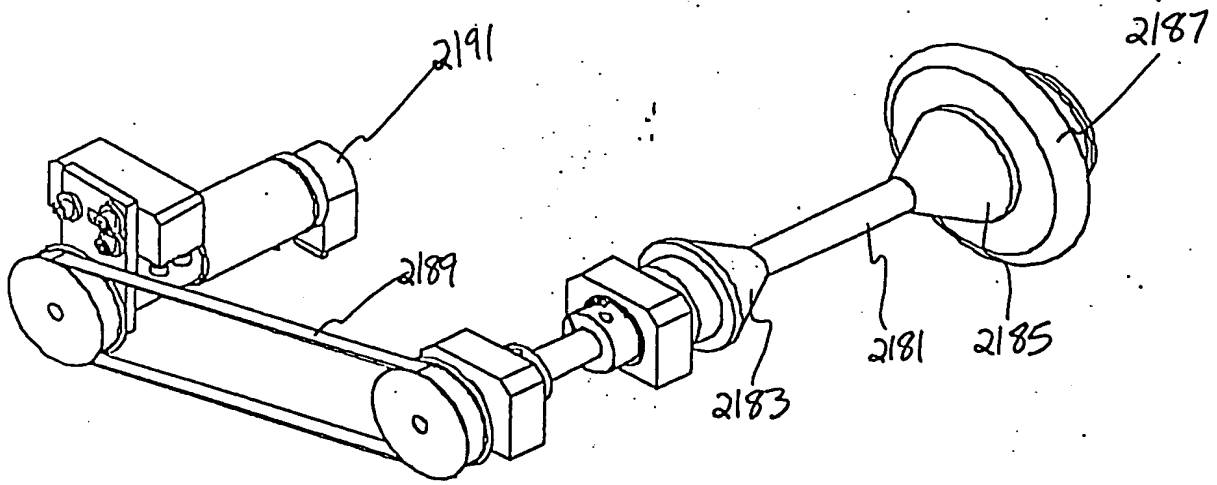


FIGURE 18

09900532.121801

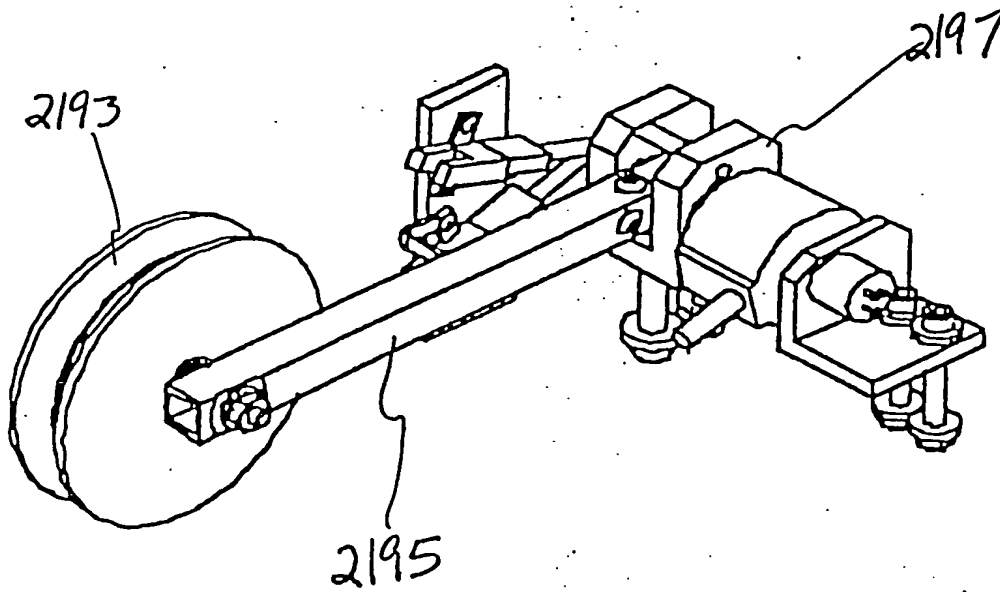


FIGURE 19

FIG. 19

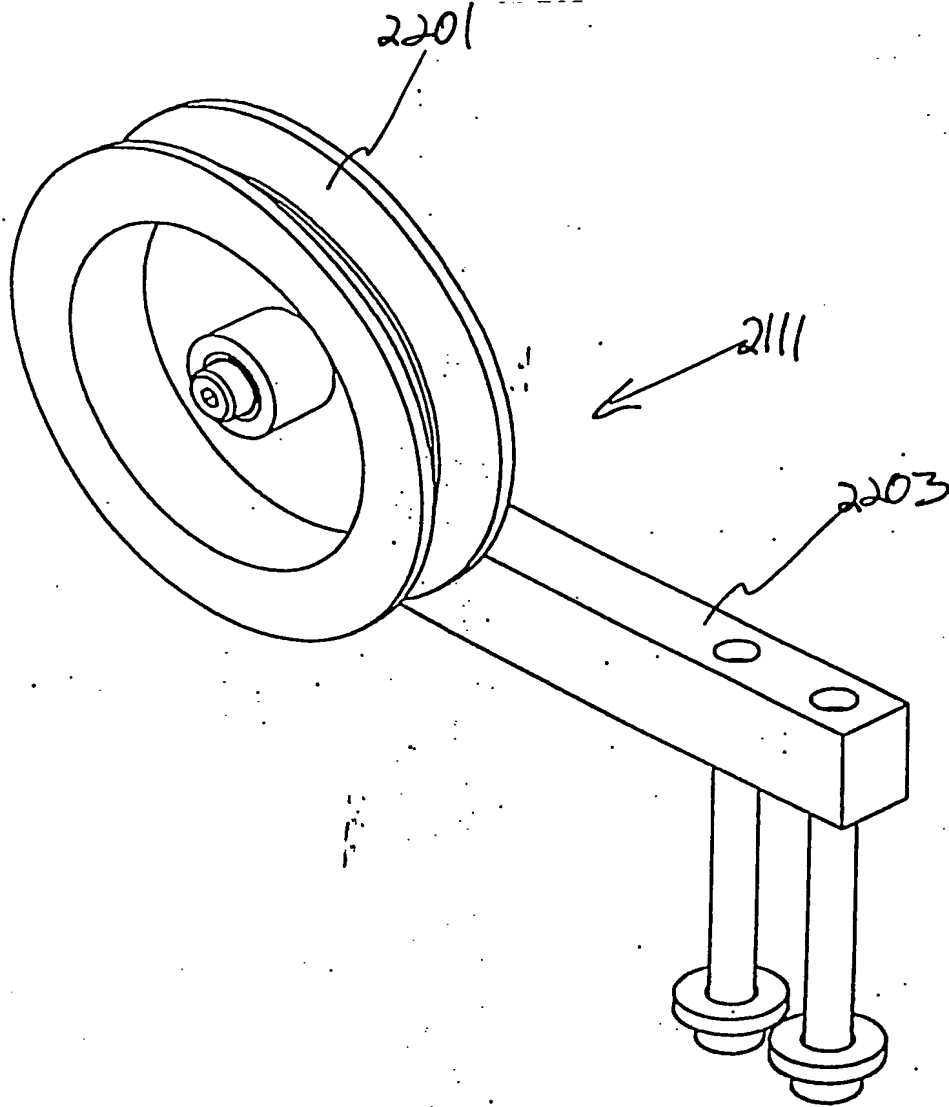


FIGURE 20

09900532 11801
FIG. 20

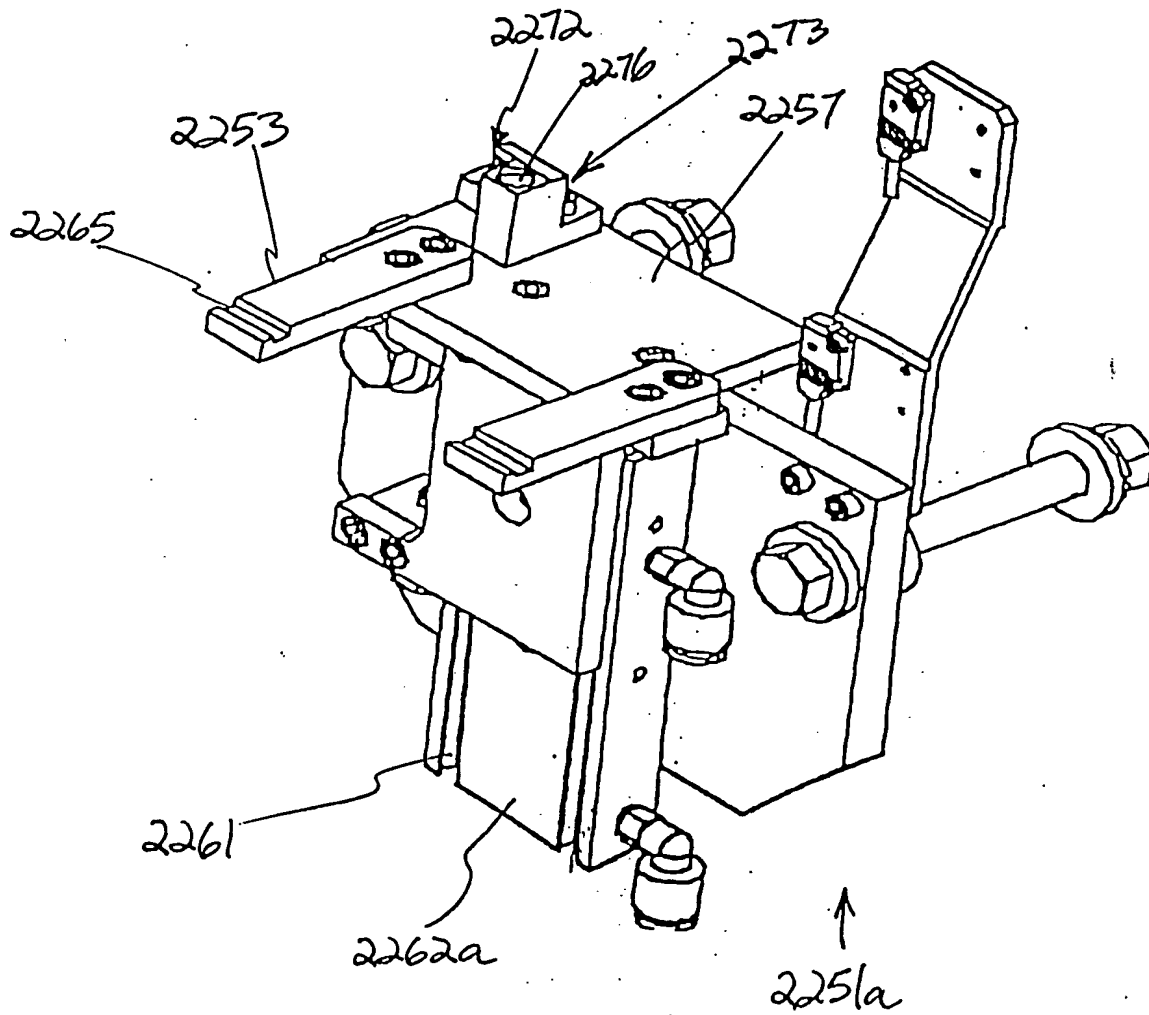


FIGURE 21

FIG. 21 2500550

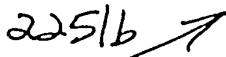


FIGURE 21a

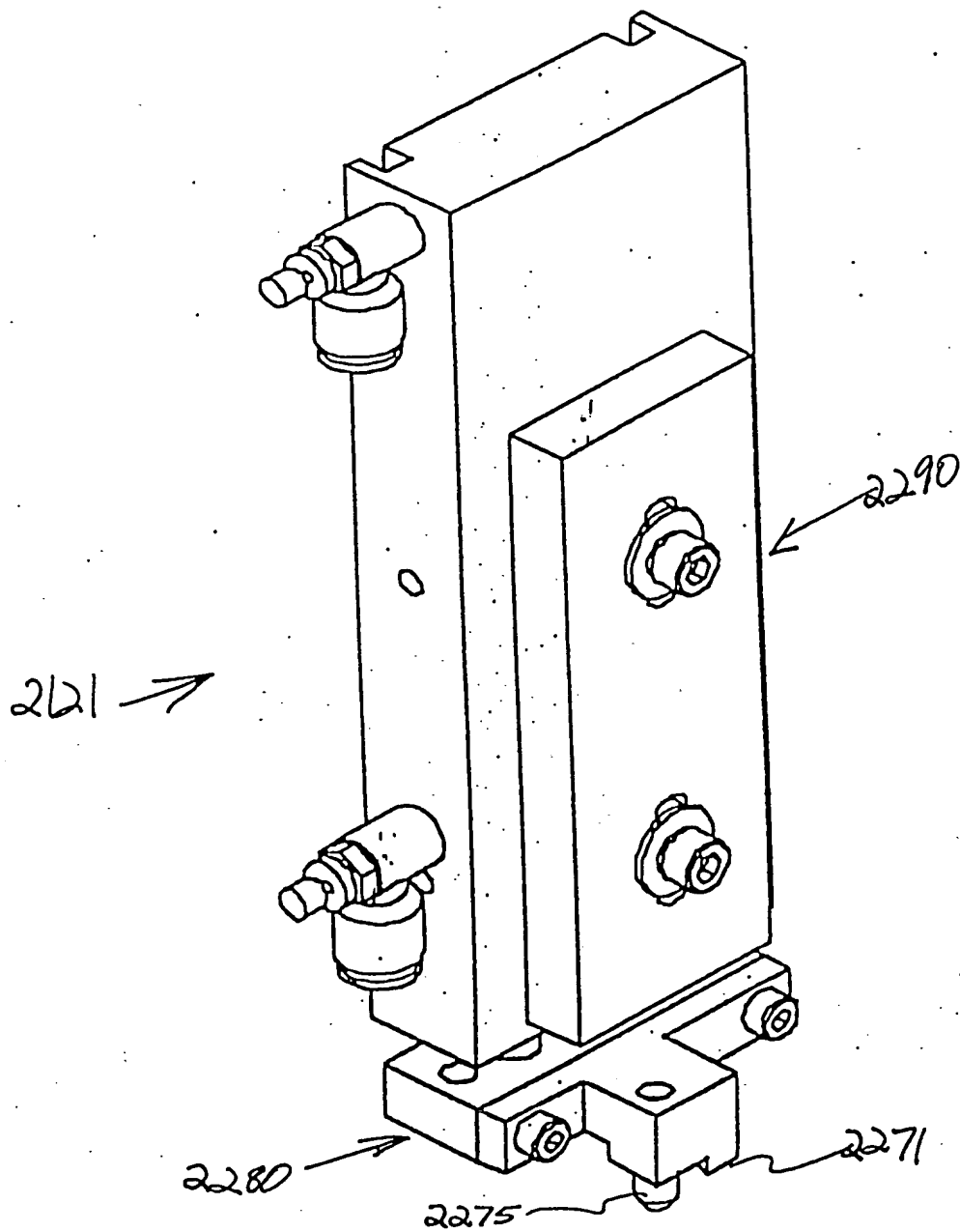


FIGURE 22

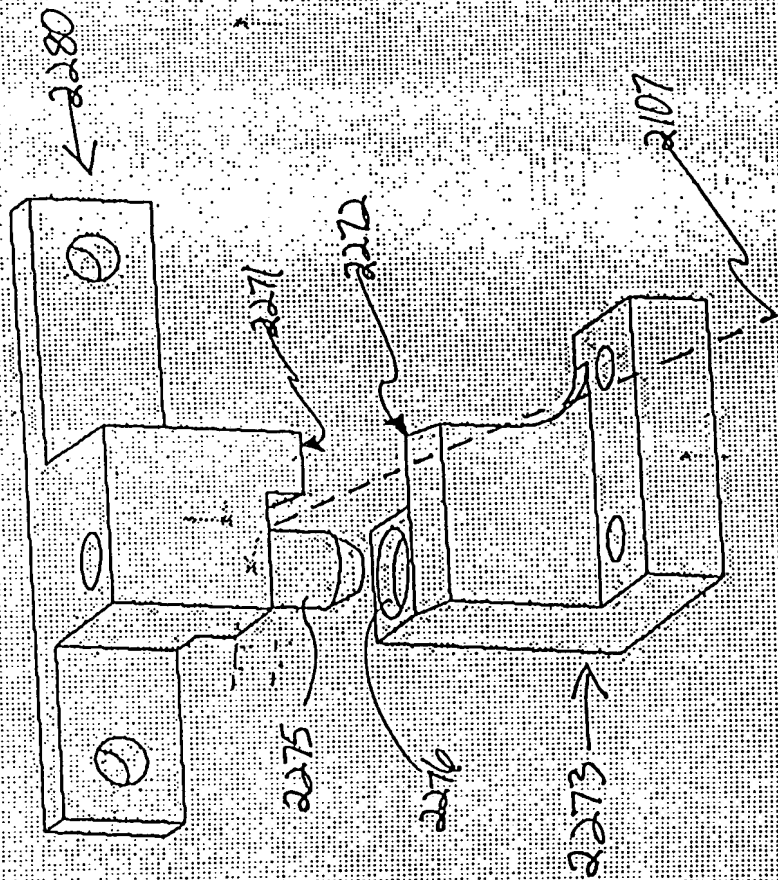


FIGURE 22a

FIGURE 22a

APPARATUS & METHOD FOR
AUTOMATED PREPARATION OF
AN OPTICAL FIBER

Christopher et al.

09/900,532

Sheet 24 of 84

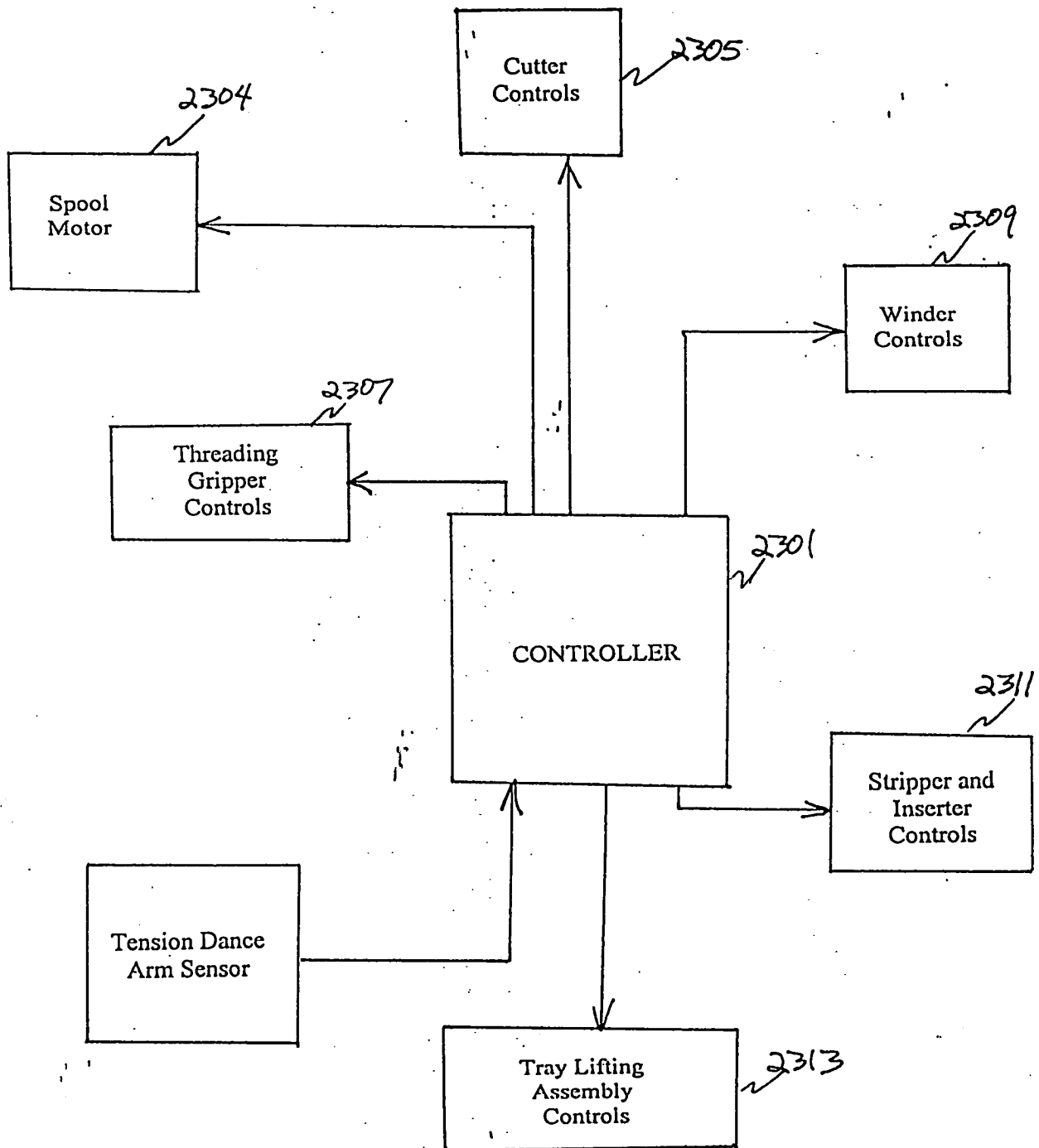
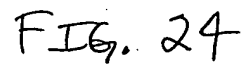


FIGURE 23



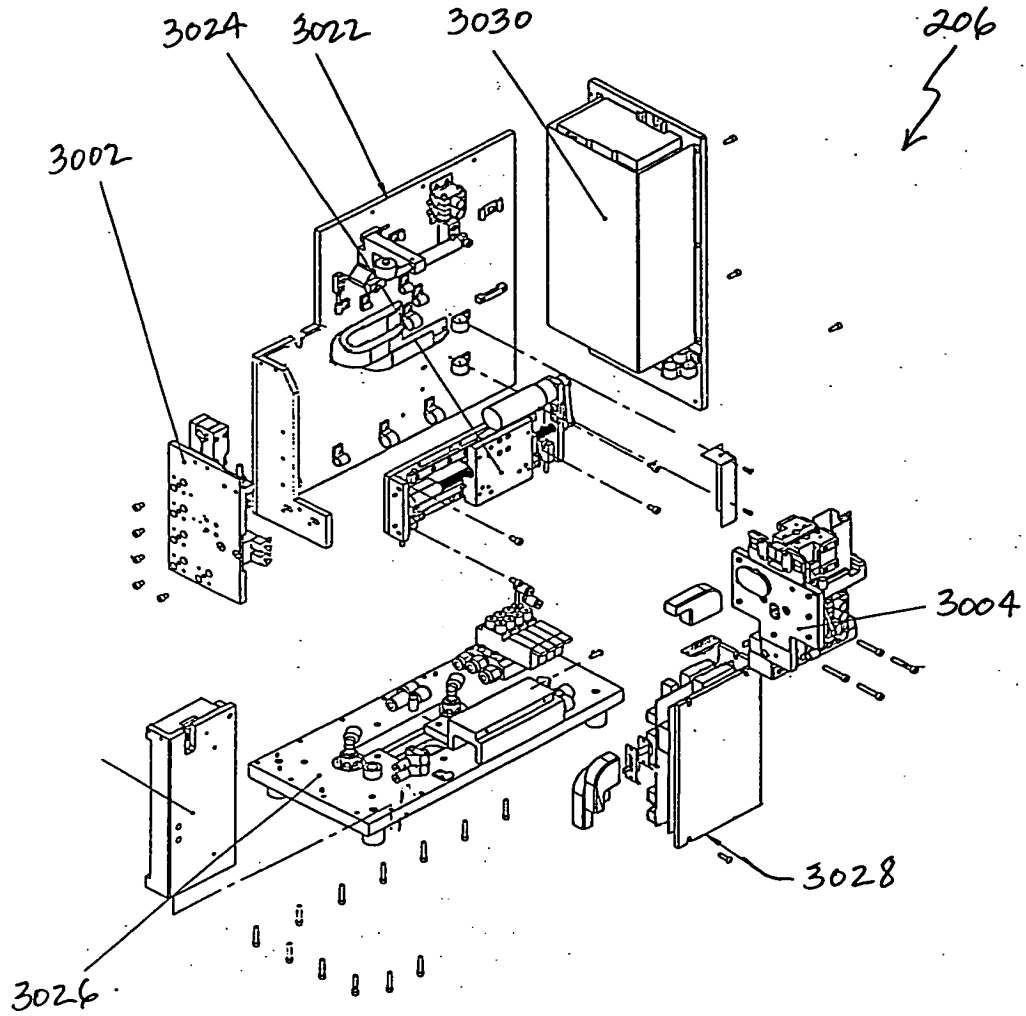


FIG. 25

09900532 11800
FIG. 25

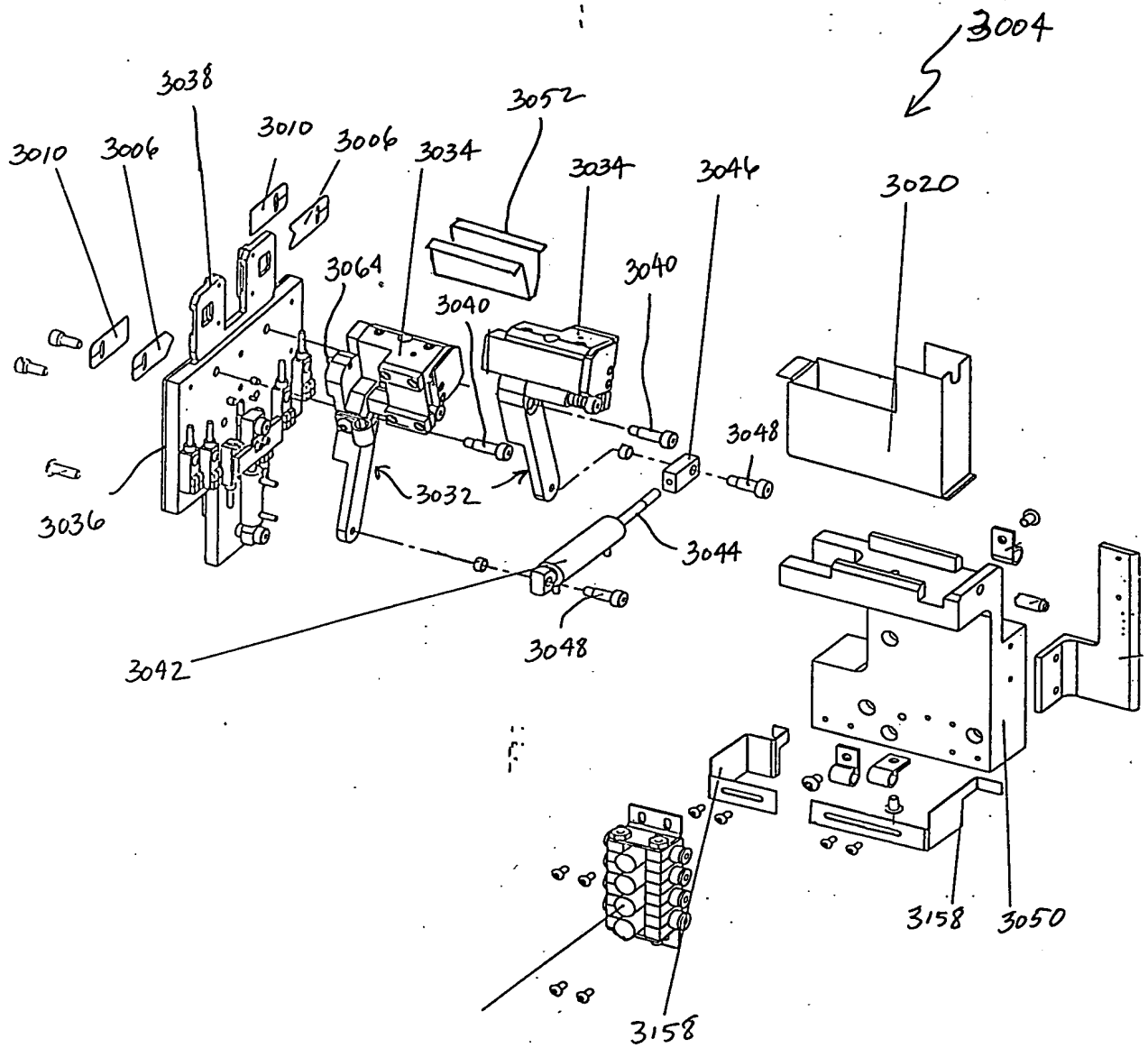


FIG. 26

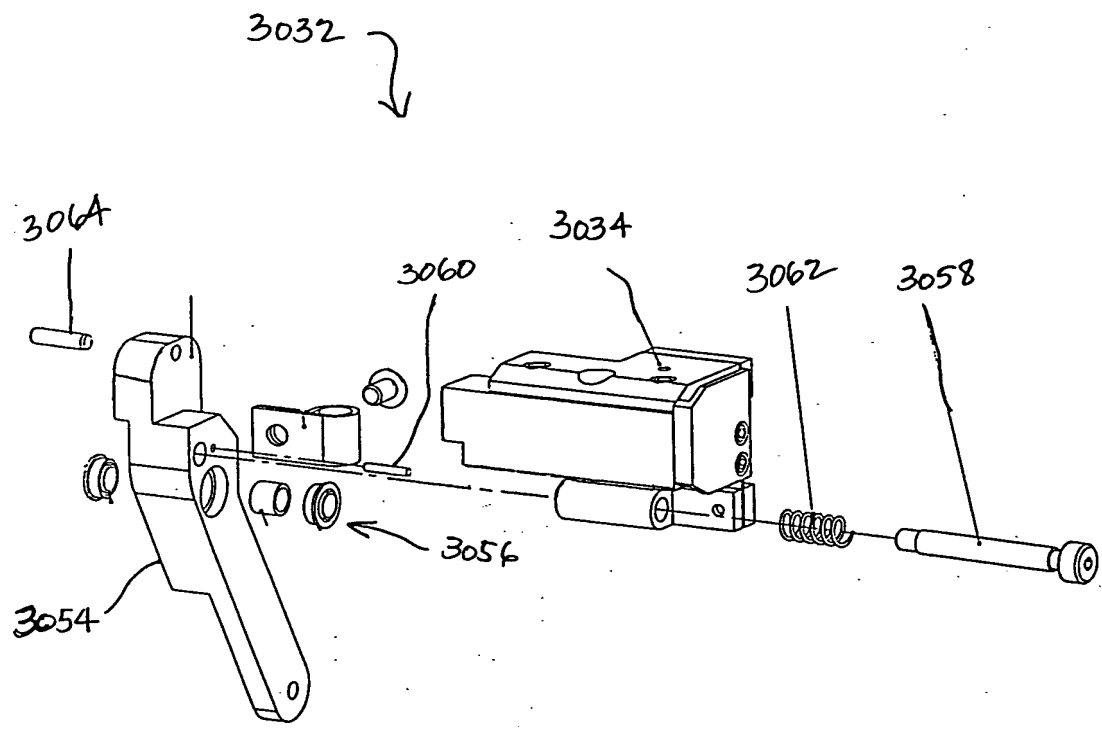


FIG. 27

09/900,532:FIG. 27

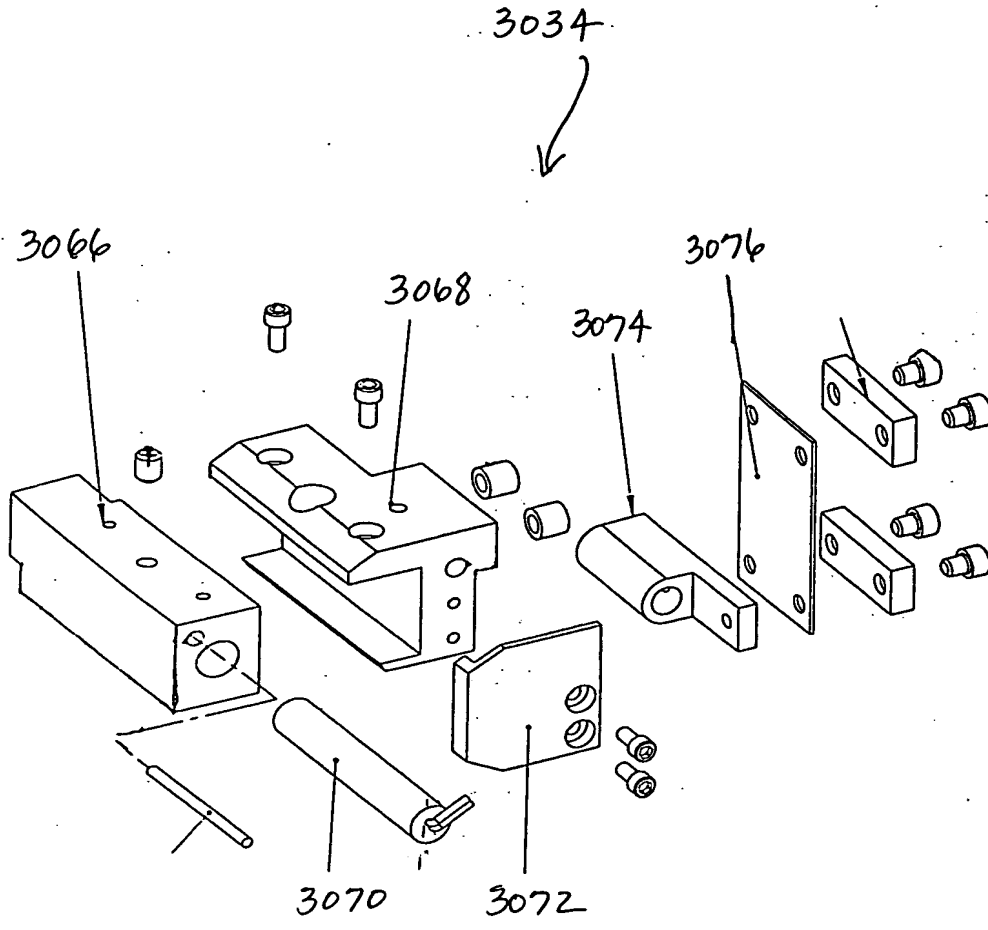


FIG. 28

FIG. 28 2500550

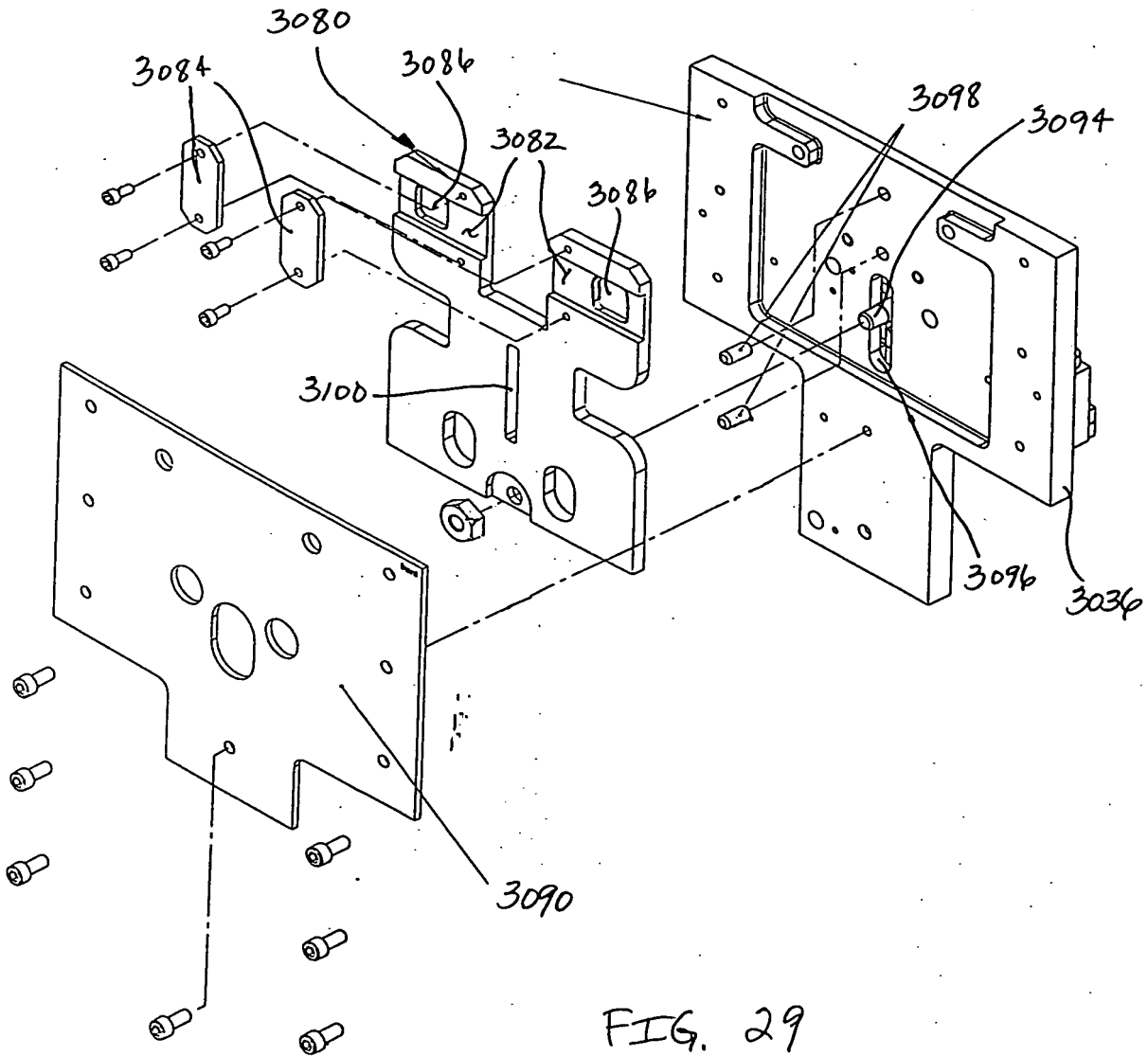


FIG. 29

0990532 4101
FIG. 29

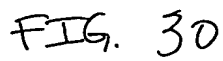


FIG. 30

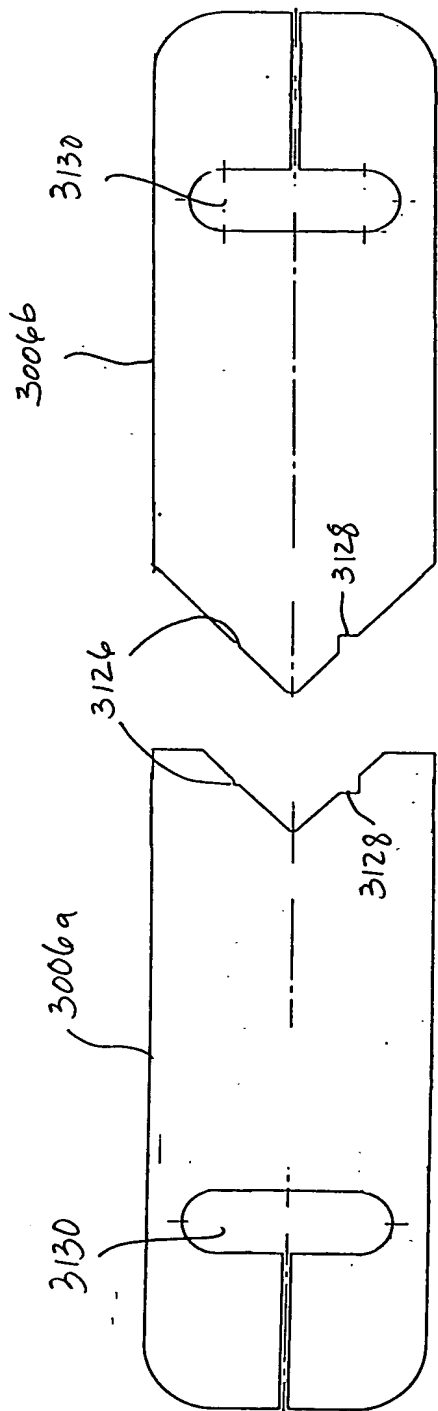


FIG. 31

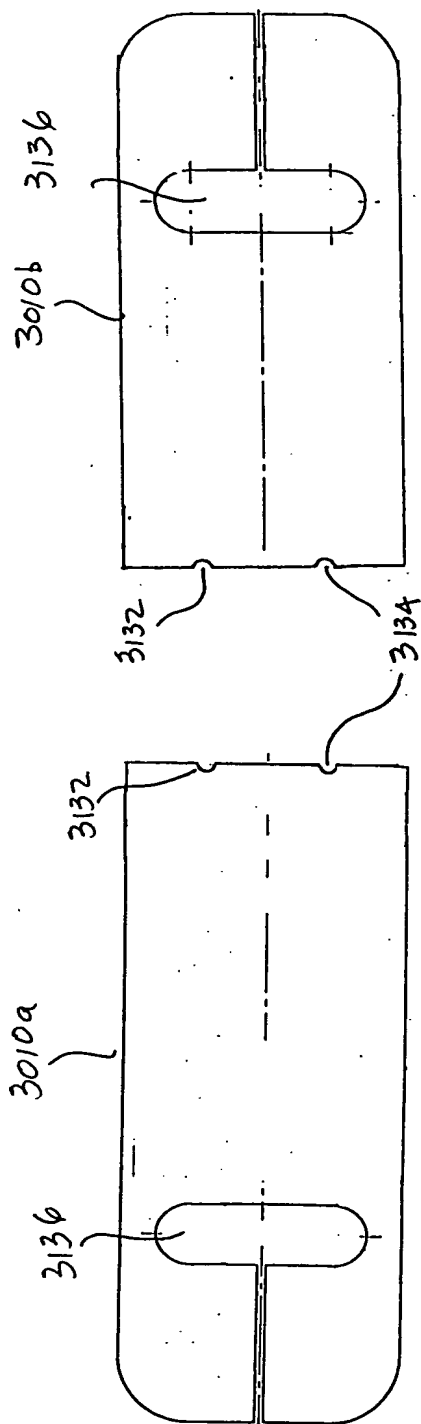


FIG. 32

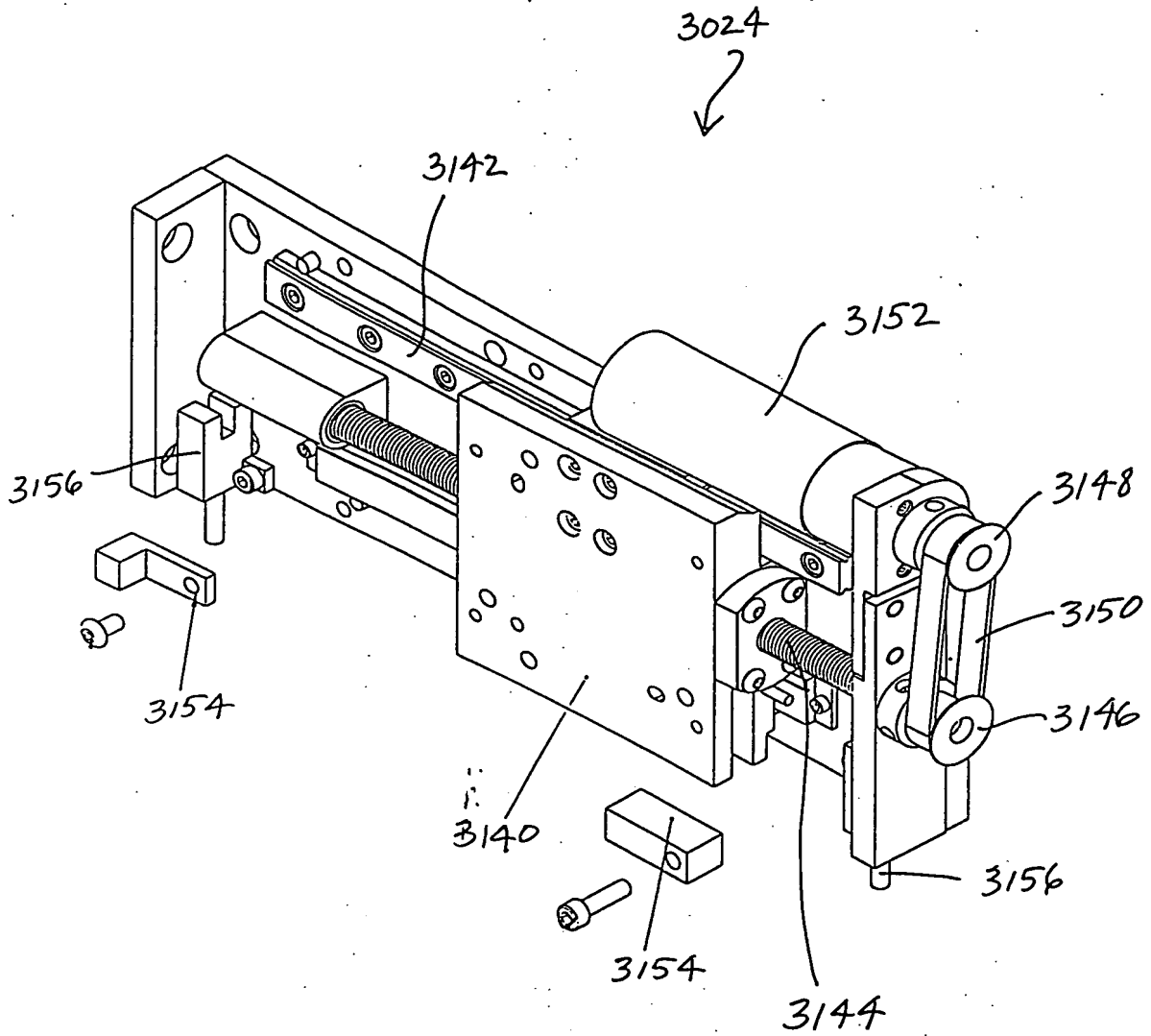
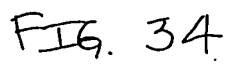


FIG. 33



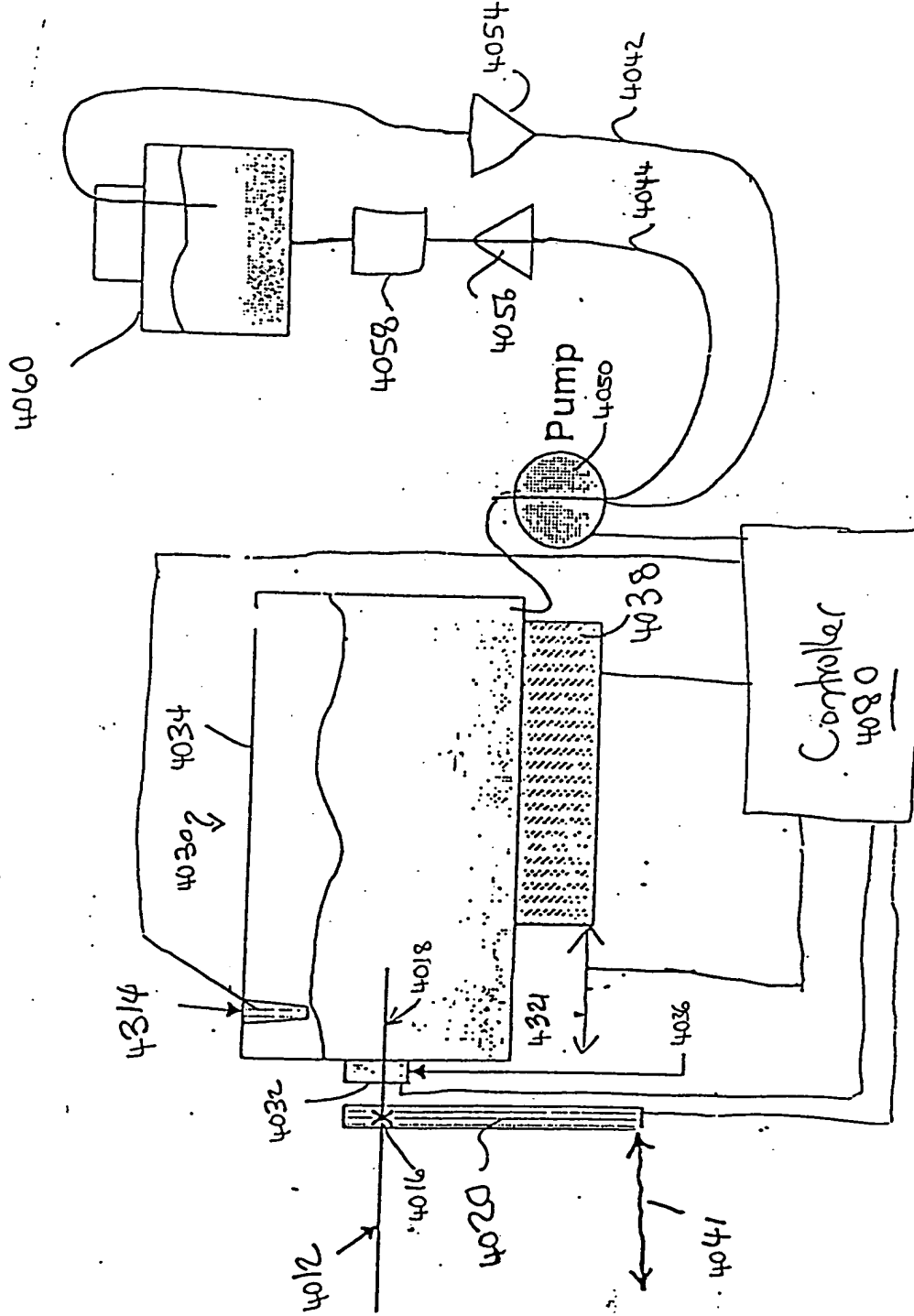


Fig 35

208

FIG. 35

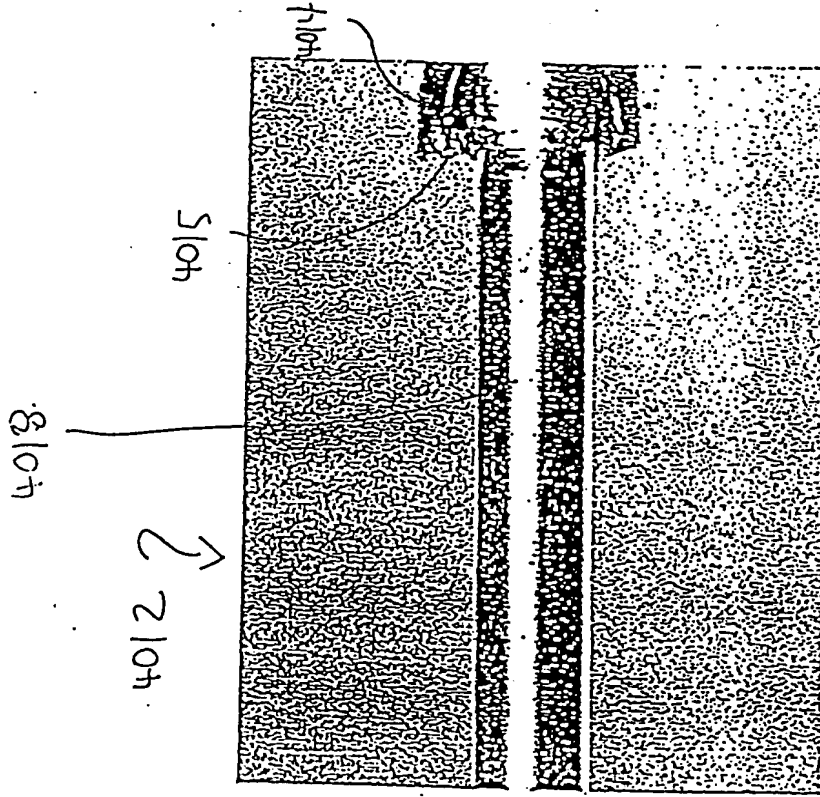


Fig. 36b

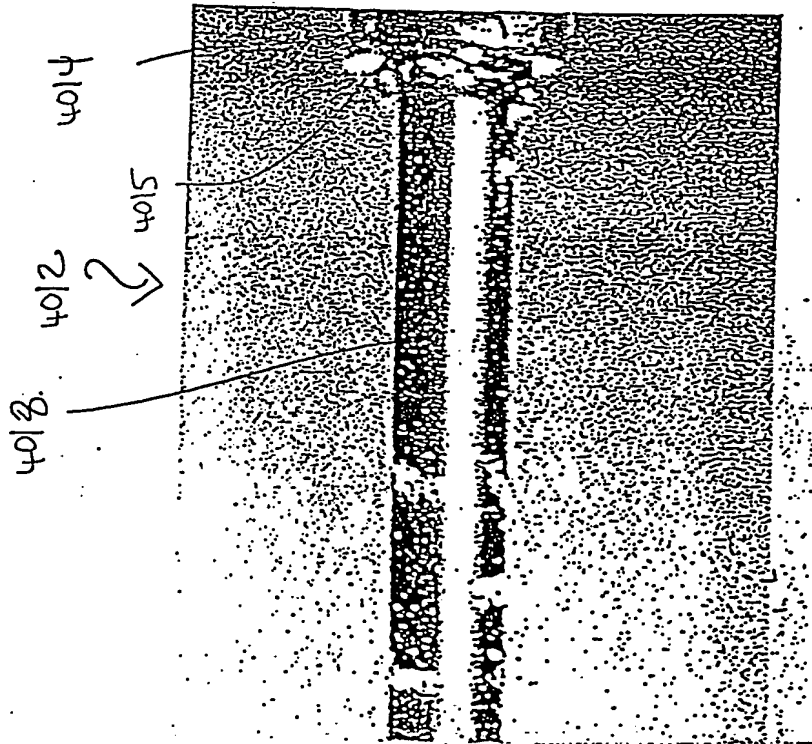


Fig. 36a

09900532 121801

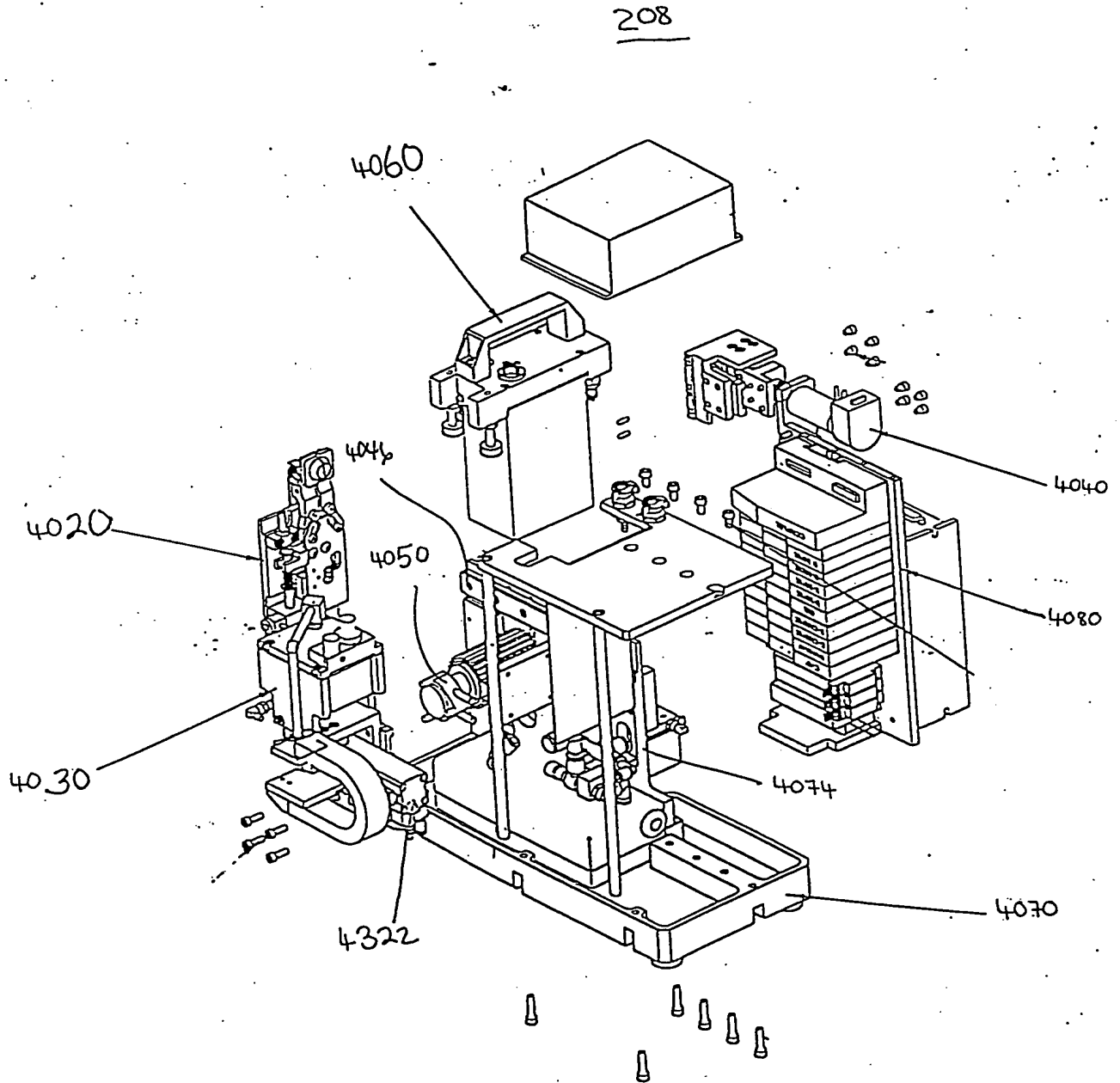
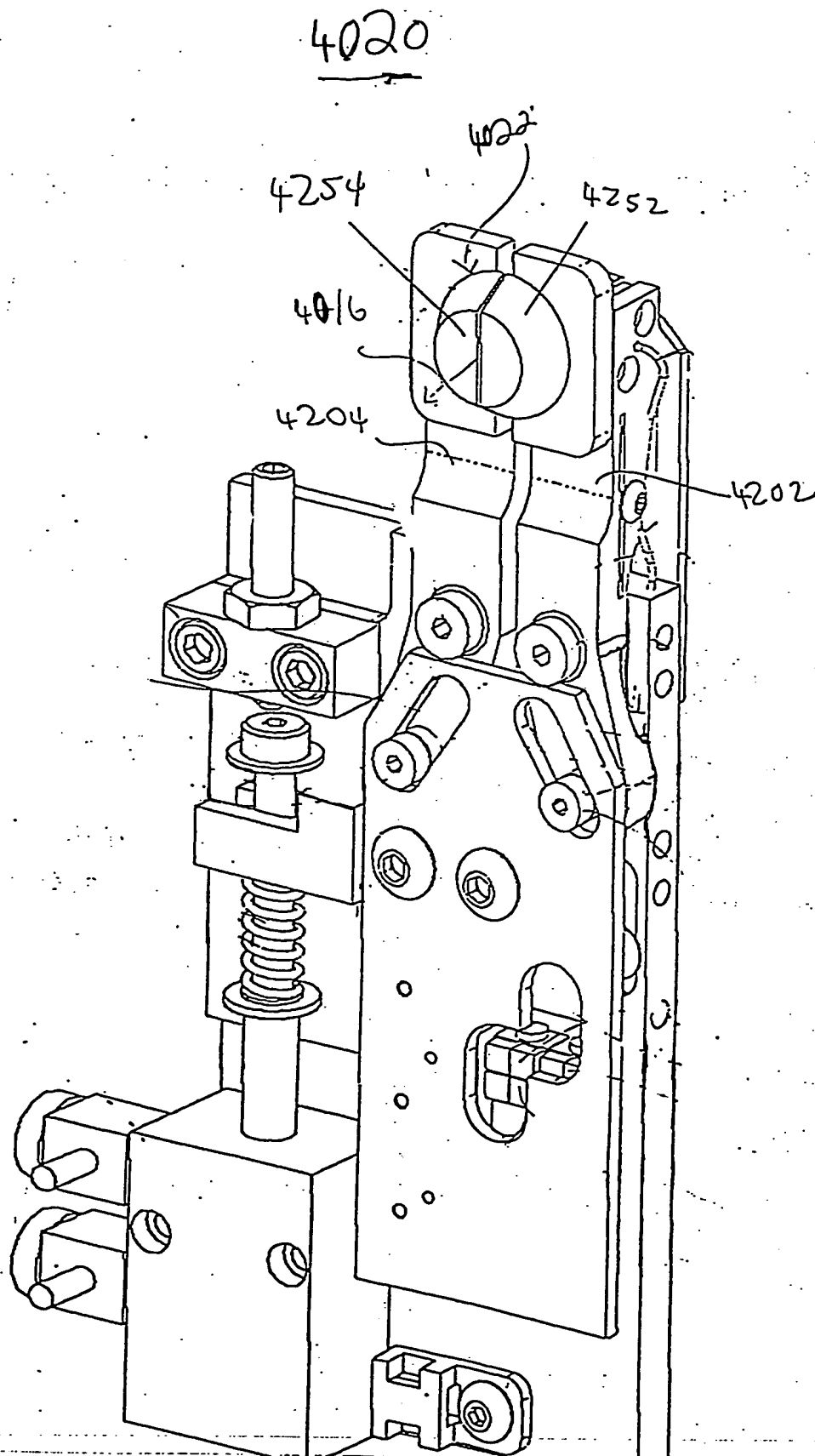


Fig. 37



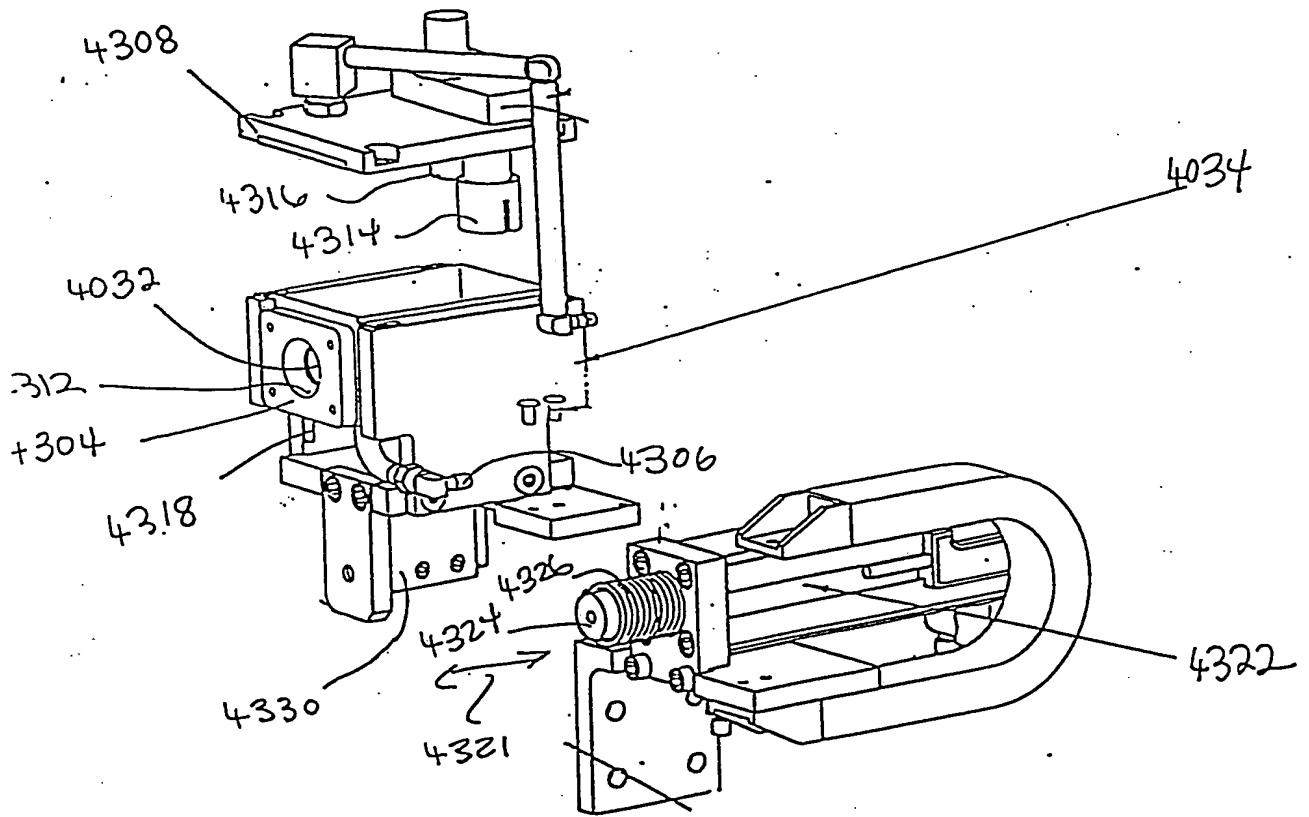


Fig. 39

0900532-121801

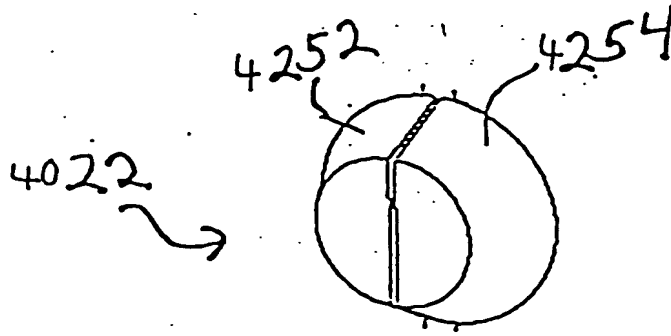


Fig. 40a

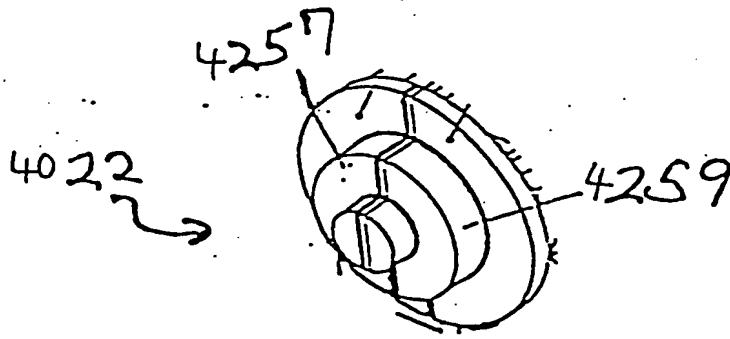


Fig. 40b

09900532-121801

APPARATUS & METHOD FOR
AUTOMATED PREPARATION OF
AN OPTICAL FIBER

Christopher et al.

09/900,532

Sheet 41 of 84

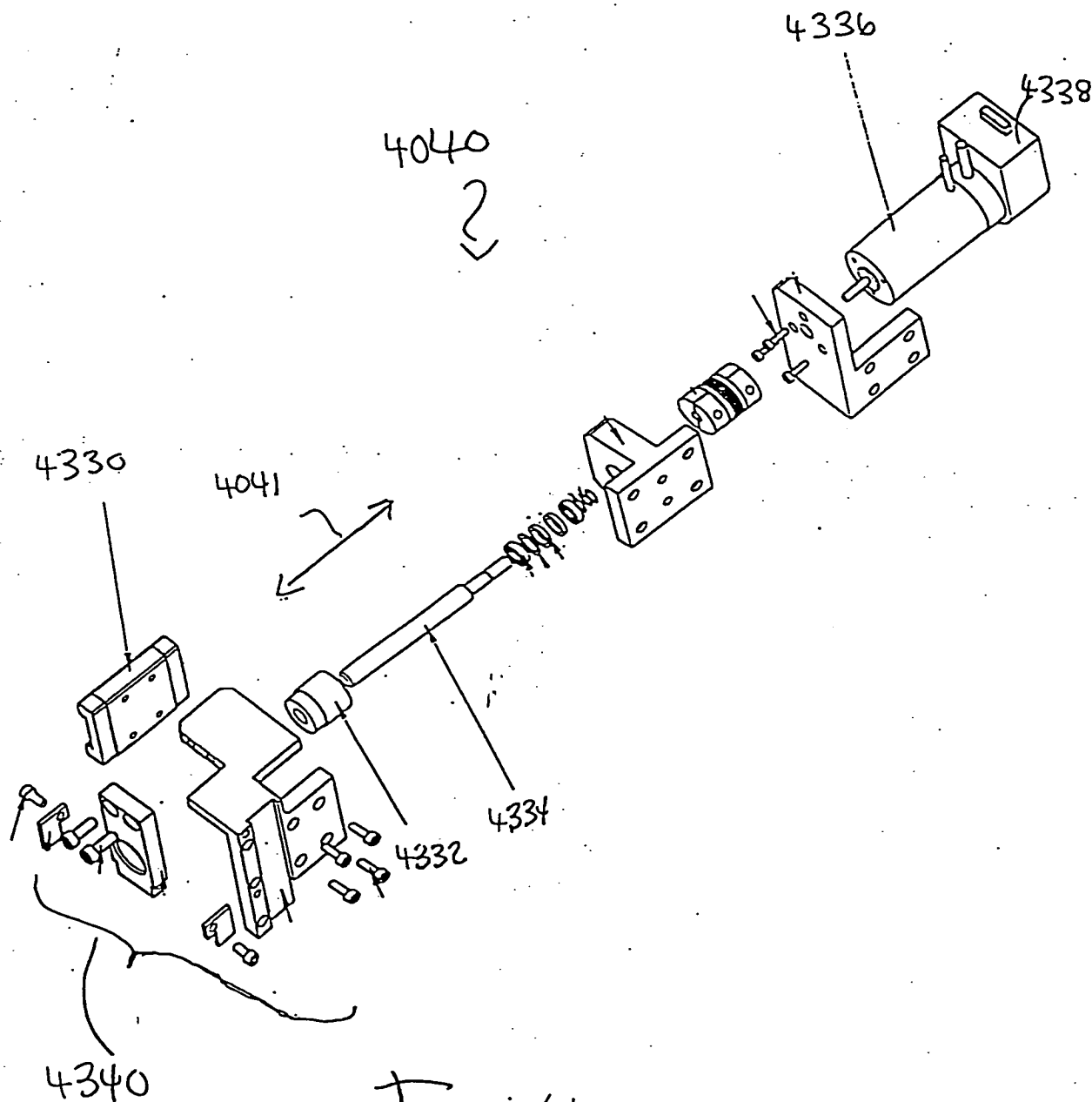


Fig. 41

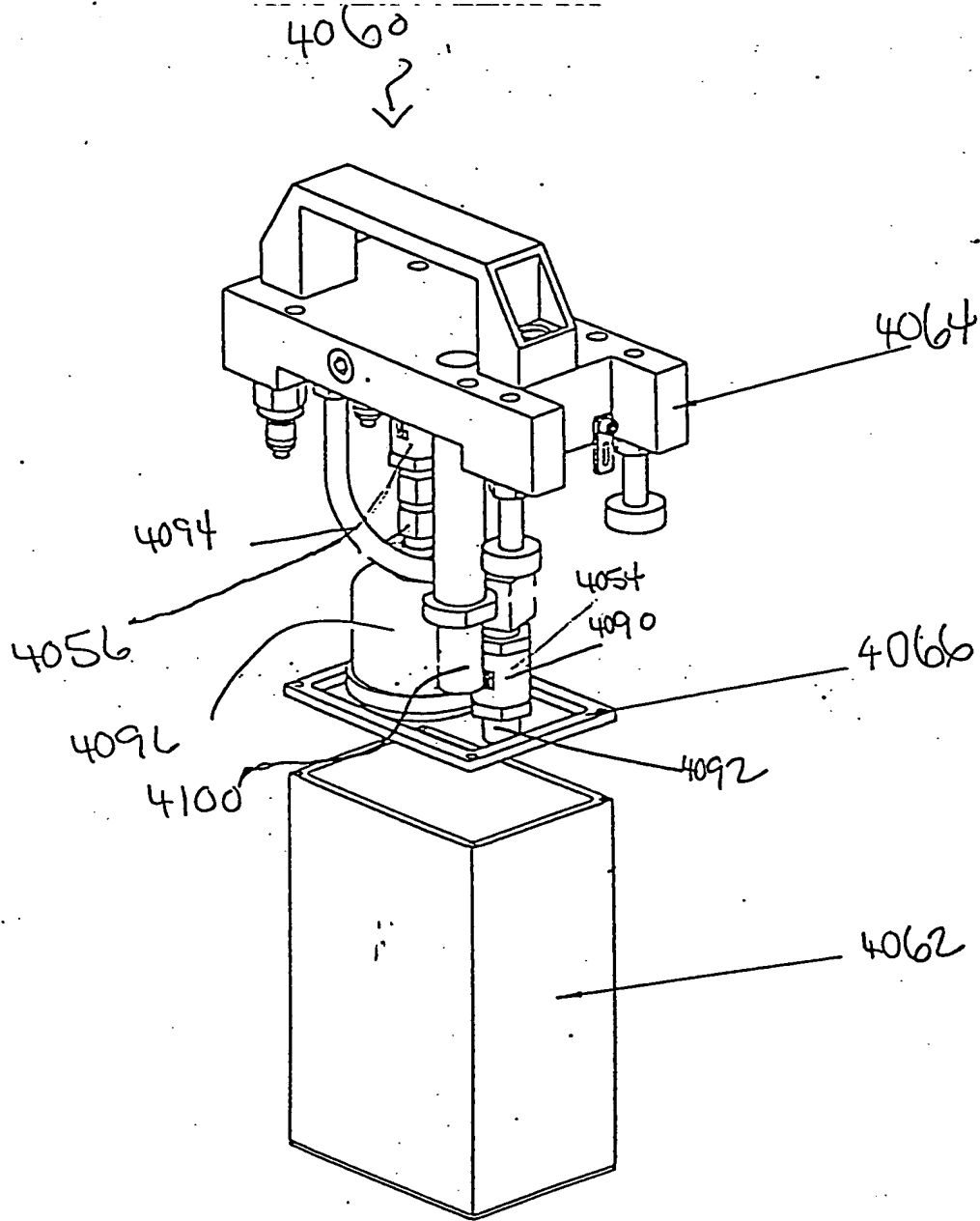


Fig. 42

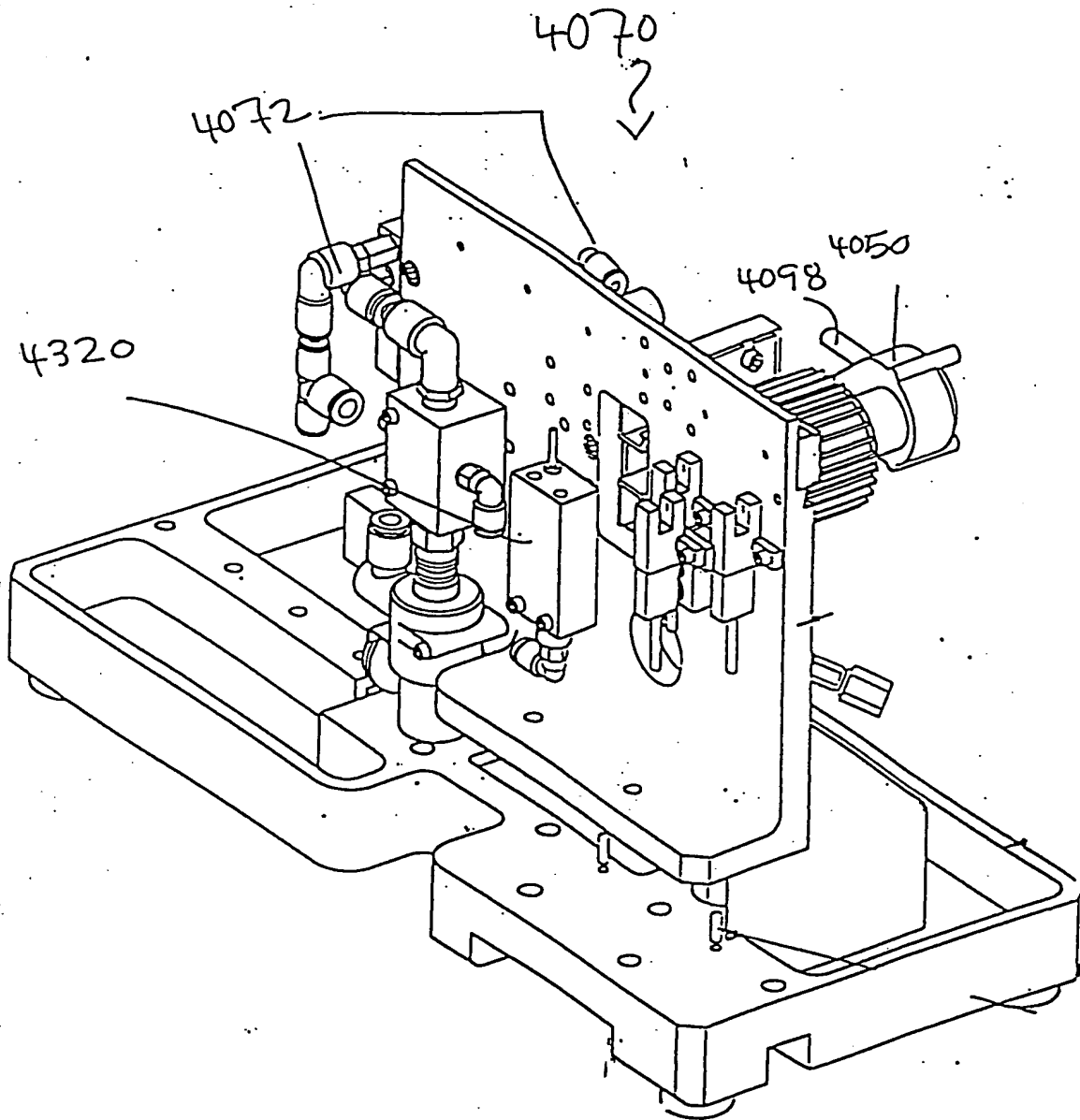


Fig. 43

0900532 2E500660

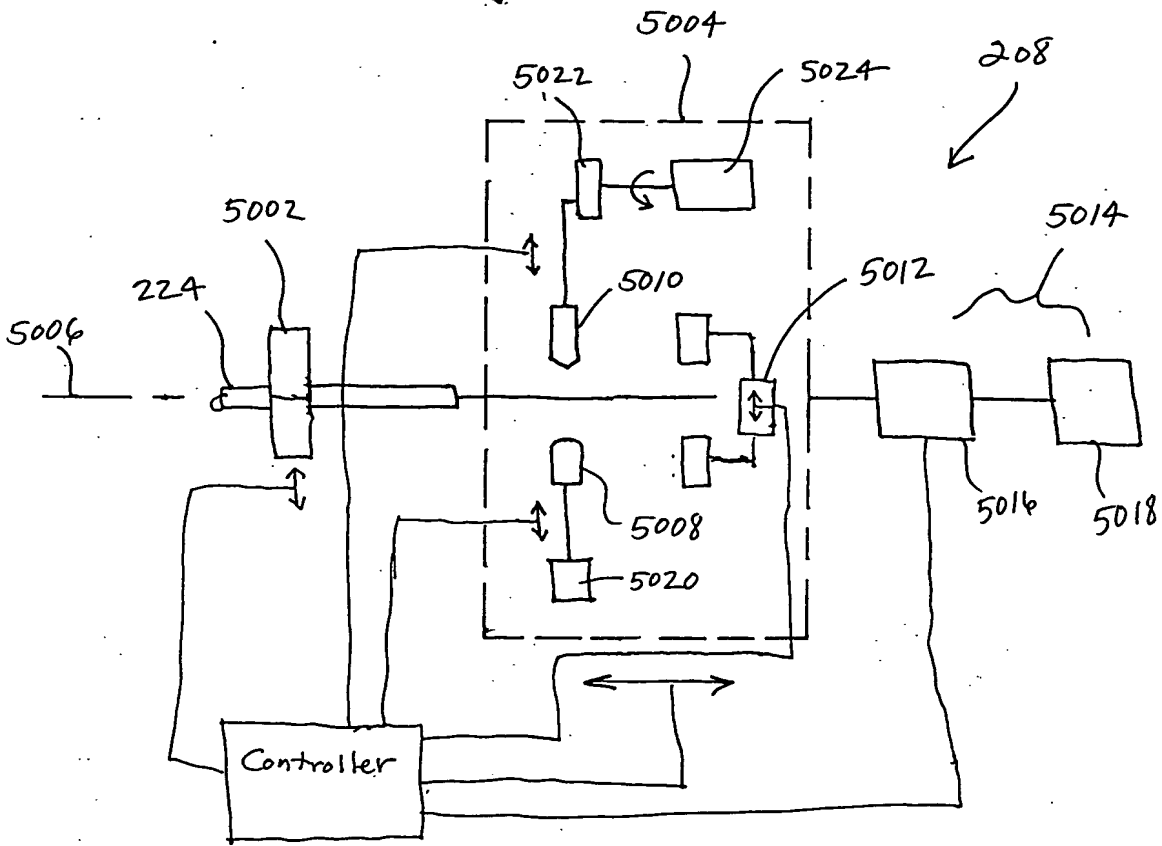


FIG. 44

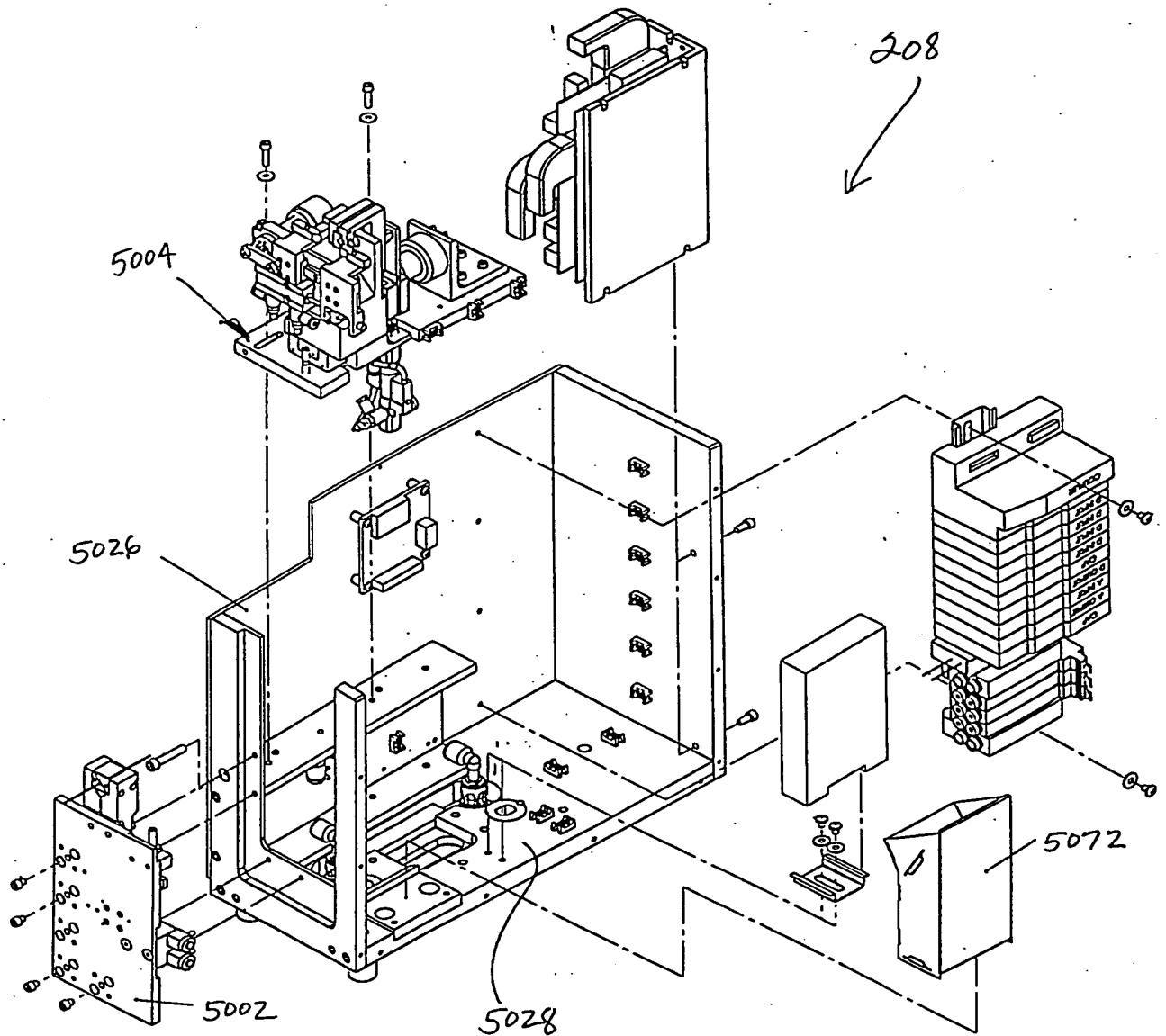


FIG. 45

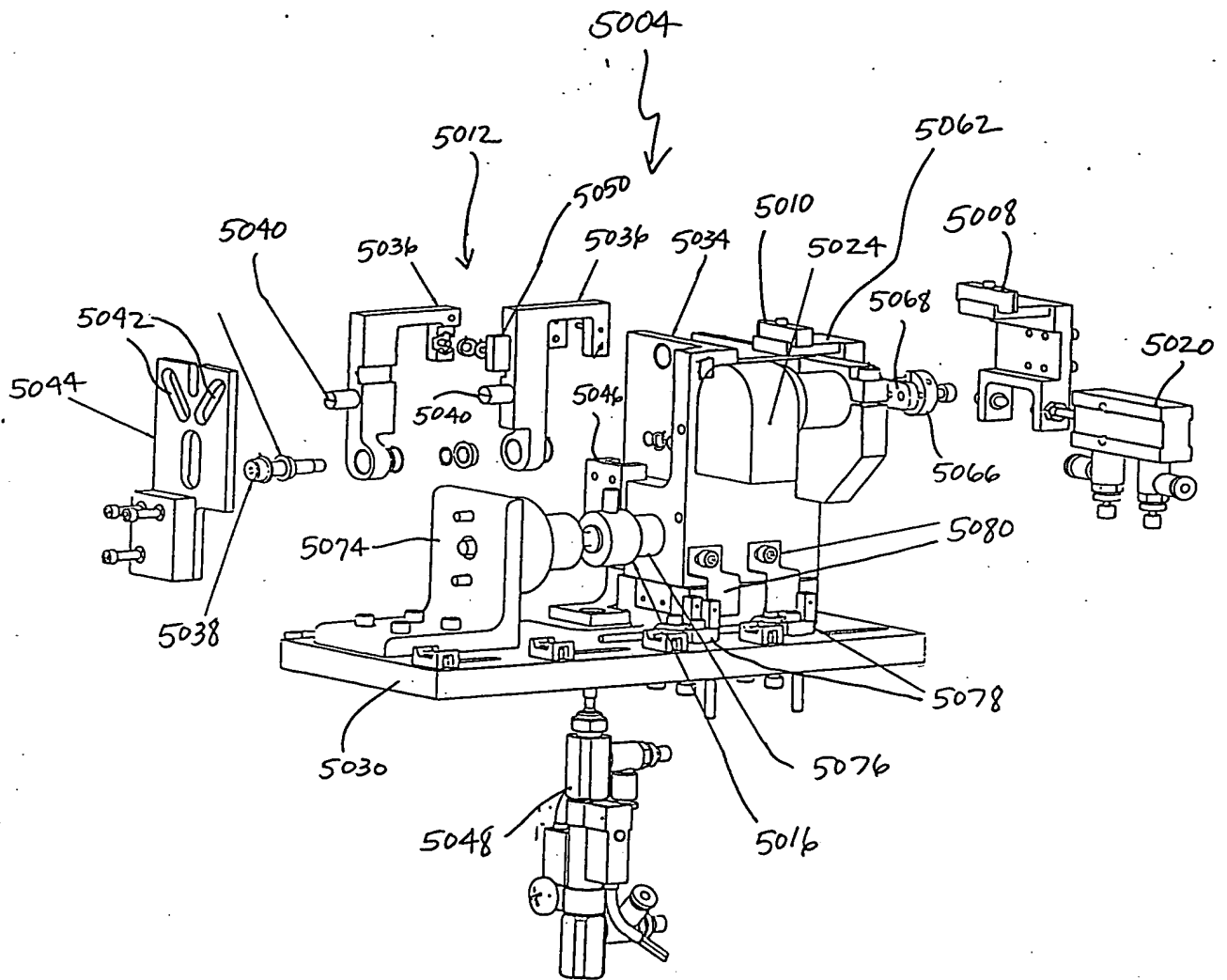
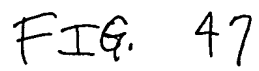


FIG. 46



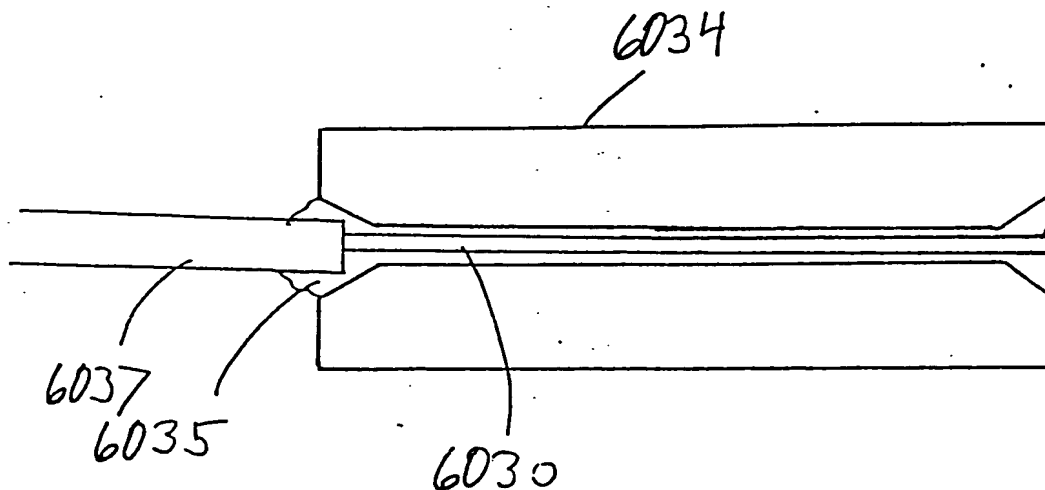


FIGURE 48

FIGURE 48

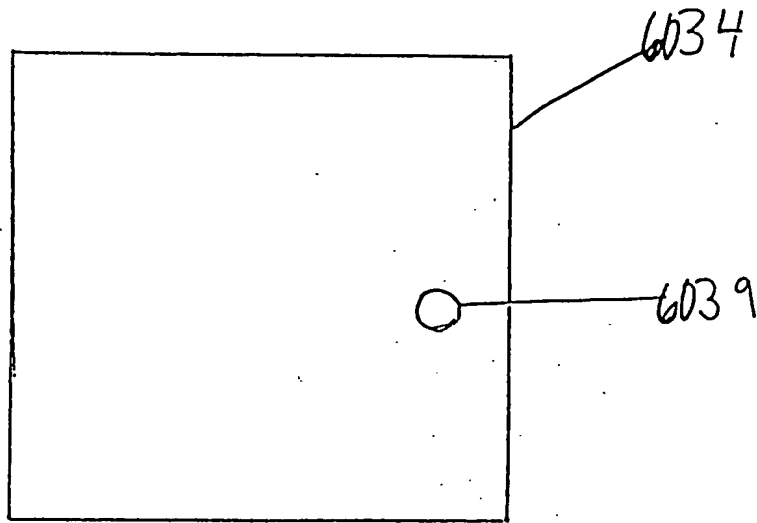
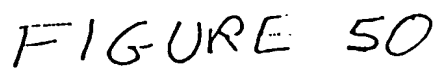


FIGURE 49

09/900,532



APPARATUS & METHOD FOR
AUTOMATED PREPARATION OF
AN OPTICAL FIBER

Christopher et al.

09/900,532

Sheet 51 of 84

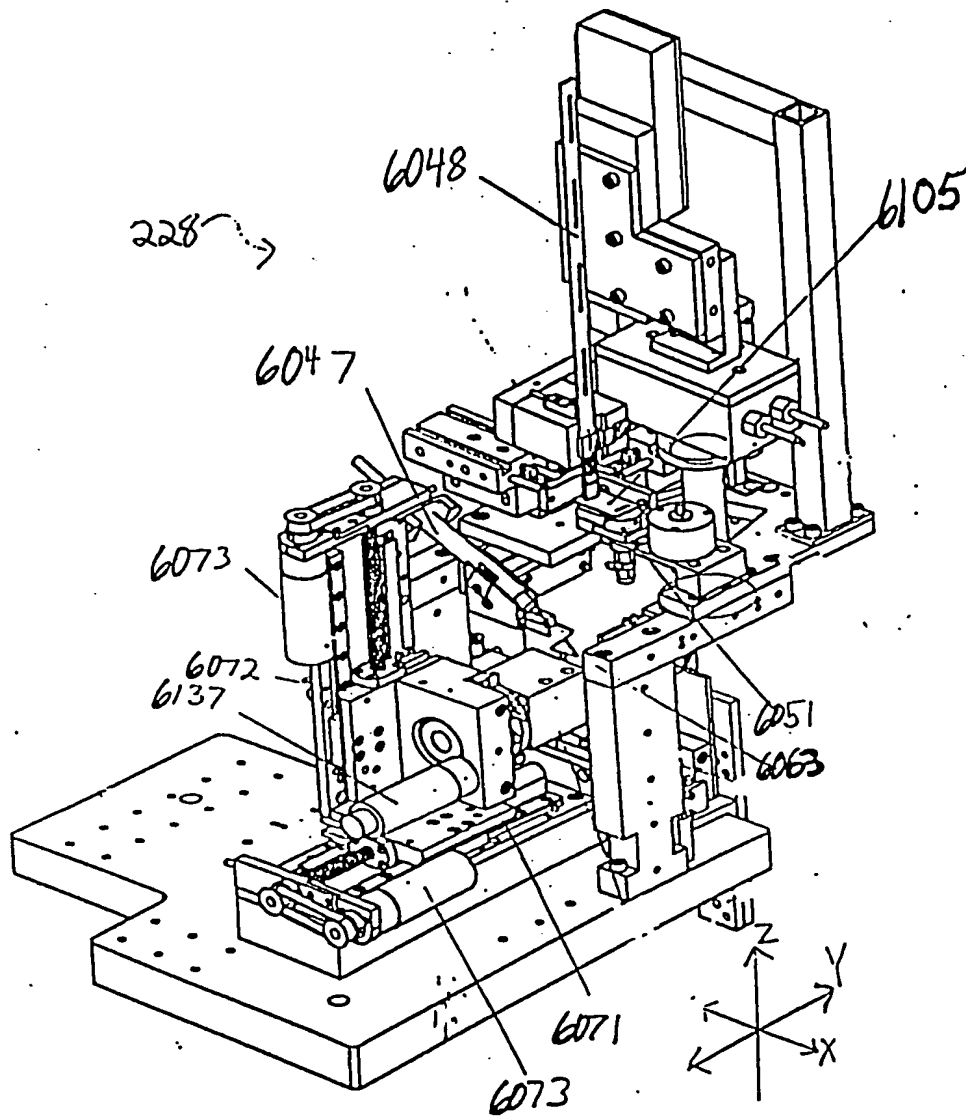


FIGURE 51

09900532 121801

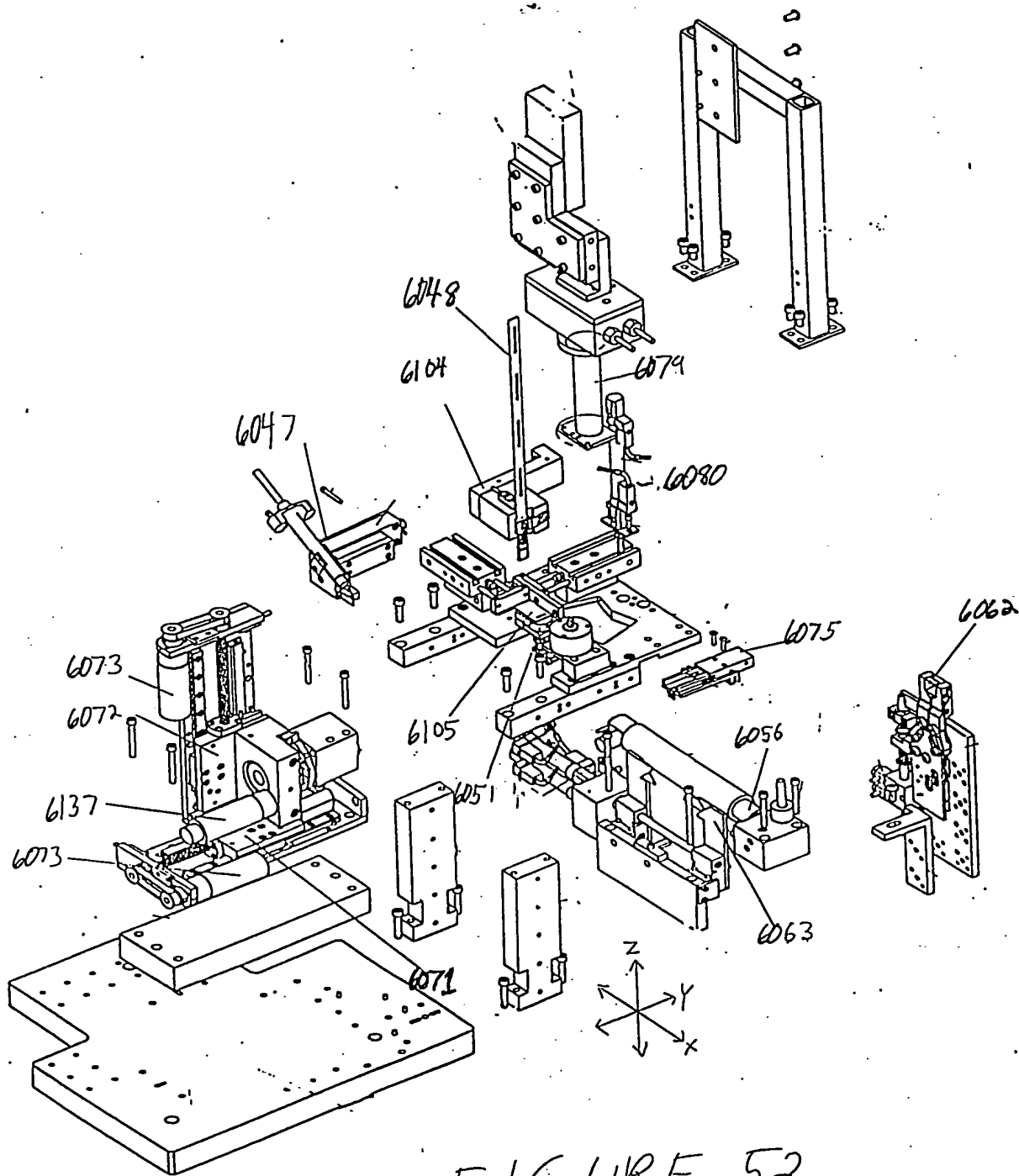


FIGURE 52.

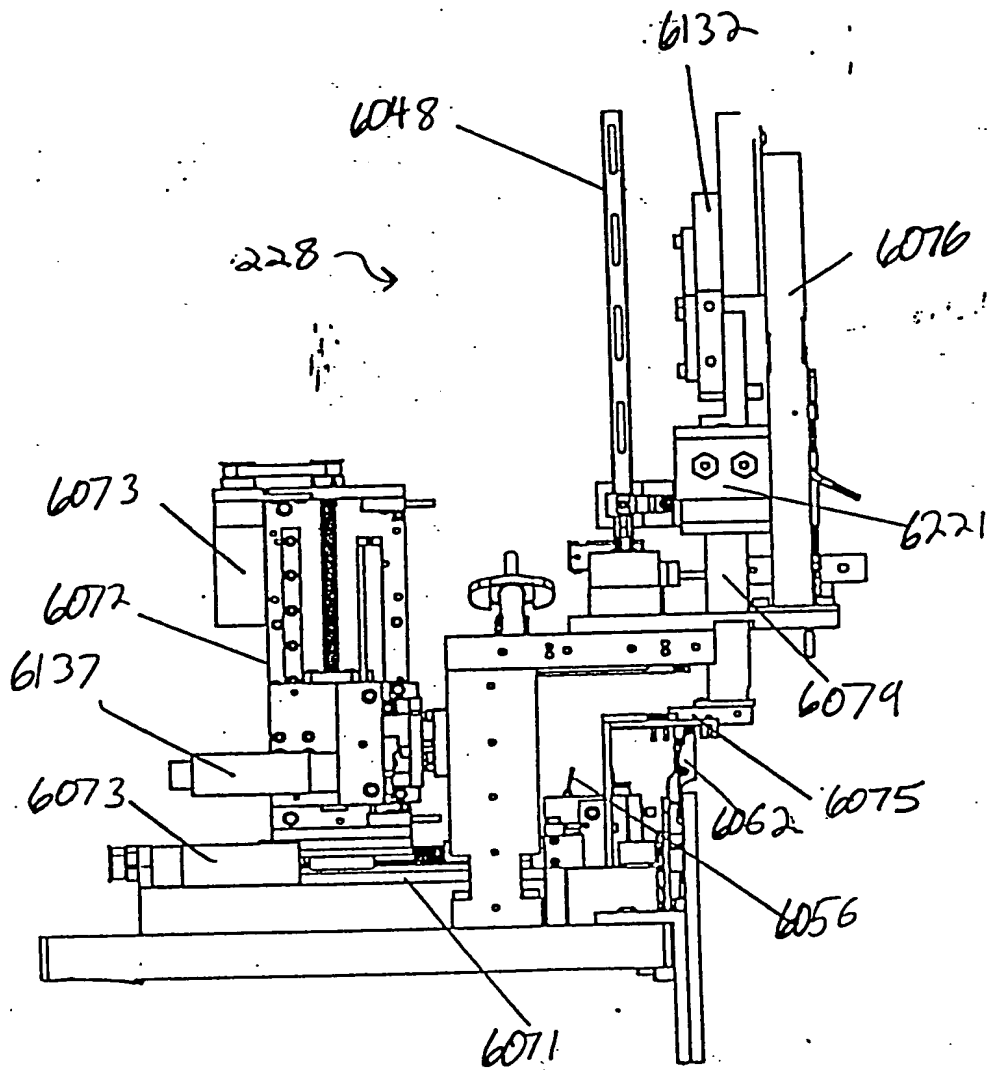


FIGURE 53

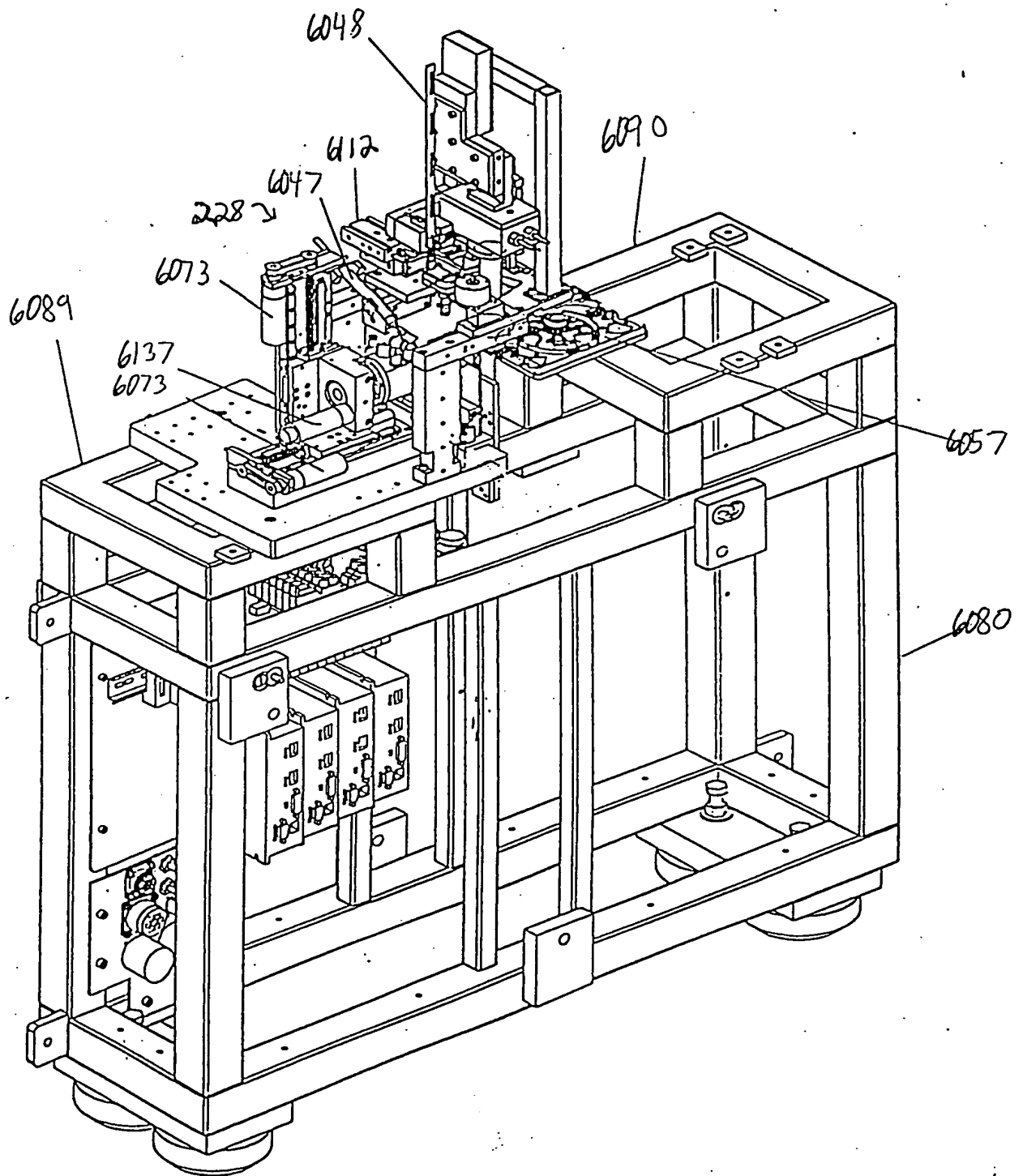


FIGURE 54

09900532.1.801
FIG. 54

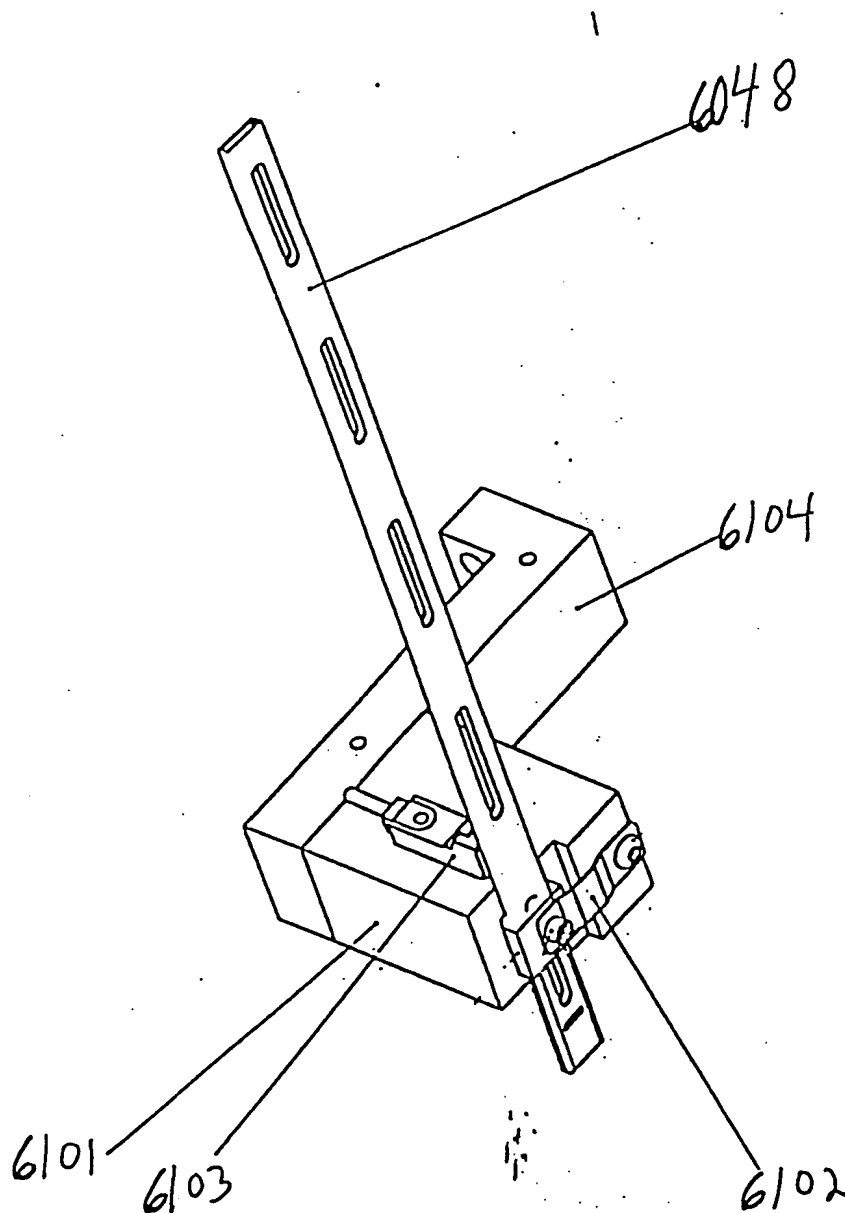


FIGURE 55

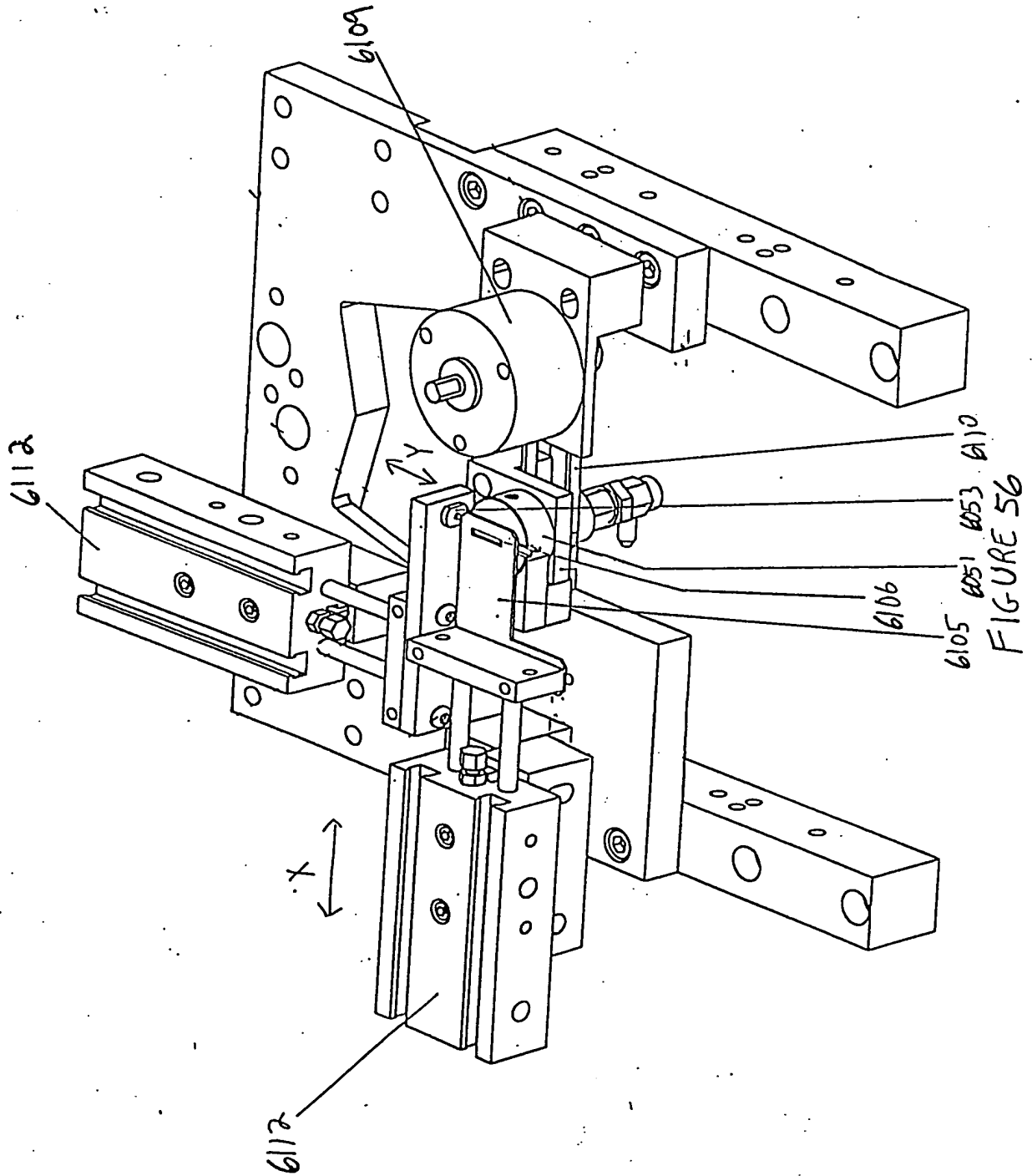
09900532 121801

APPARATUS & METHOD FOR
AUTOMATED PREPARATION OF
AN OPTICAL FIBER

Christopher et al.

09/900,532

Sheet 56 of 84



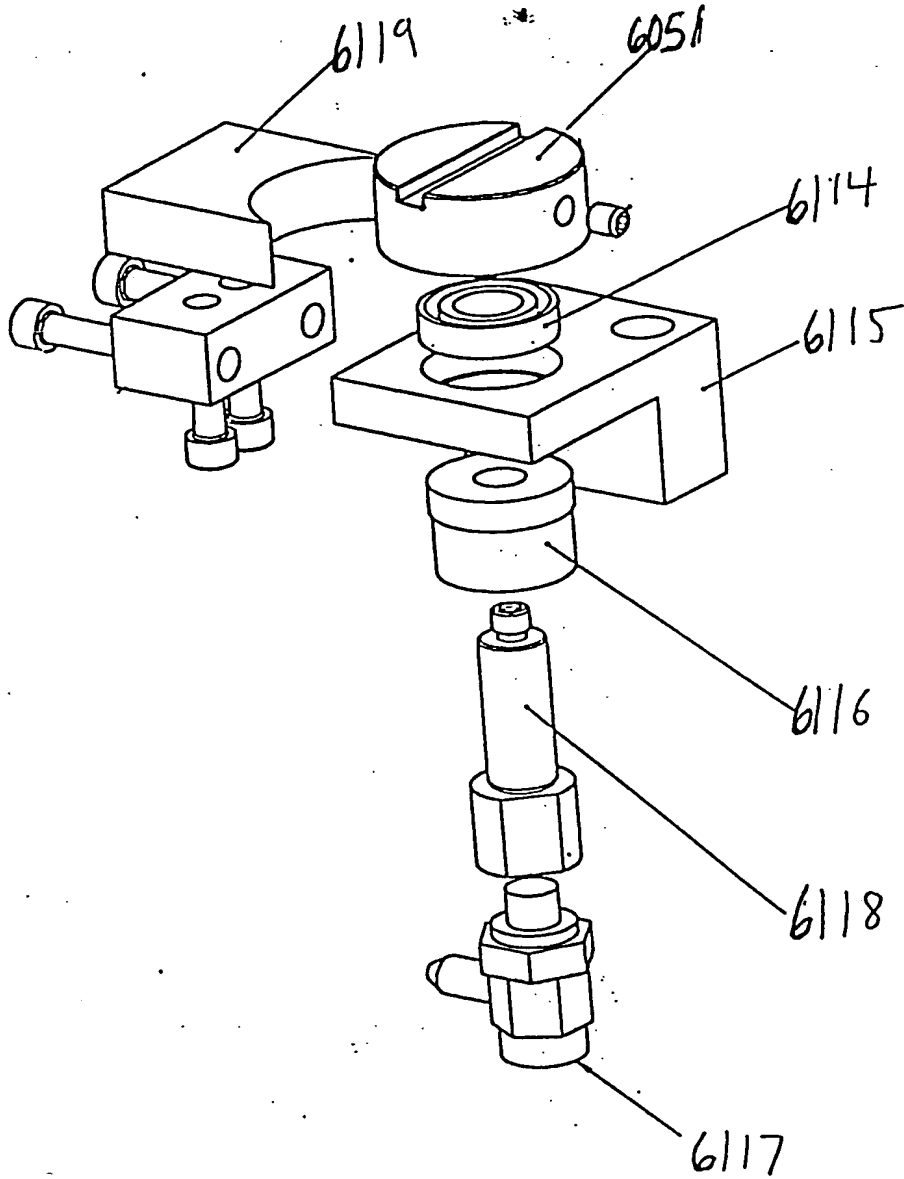


FIGURE 57

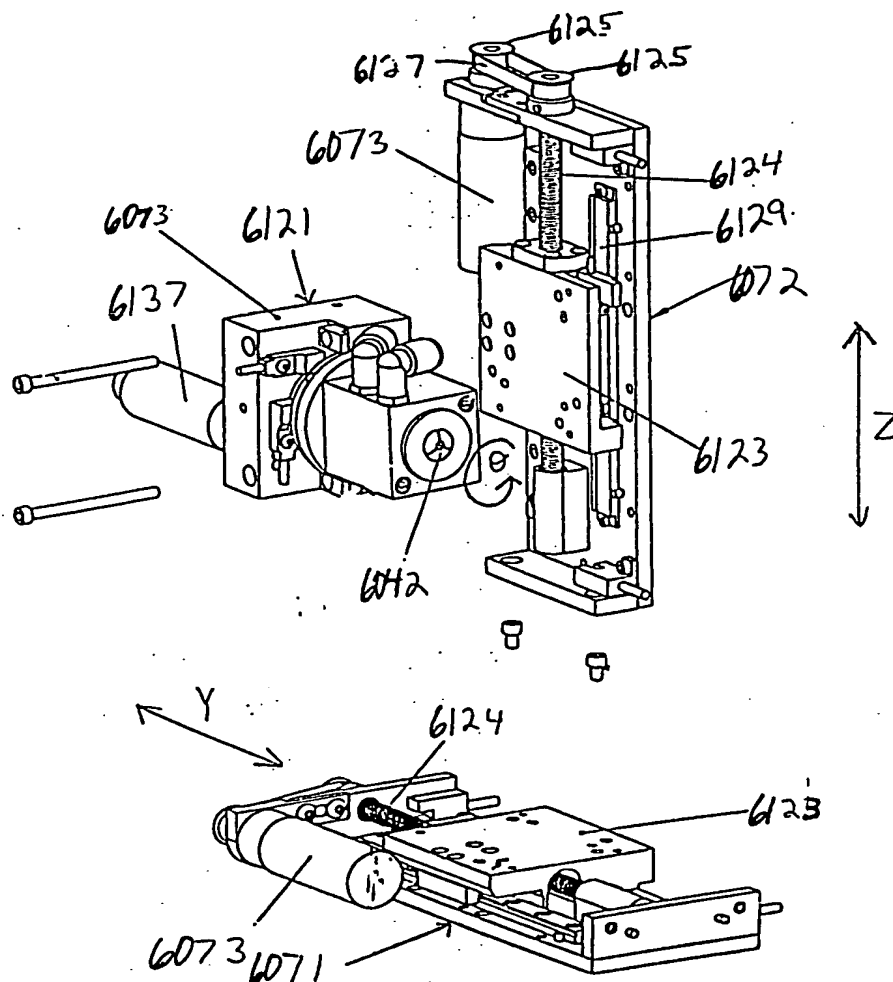


FIGURE 58

09900532 121801

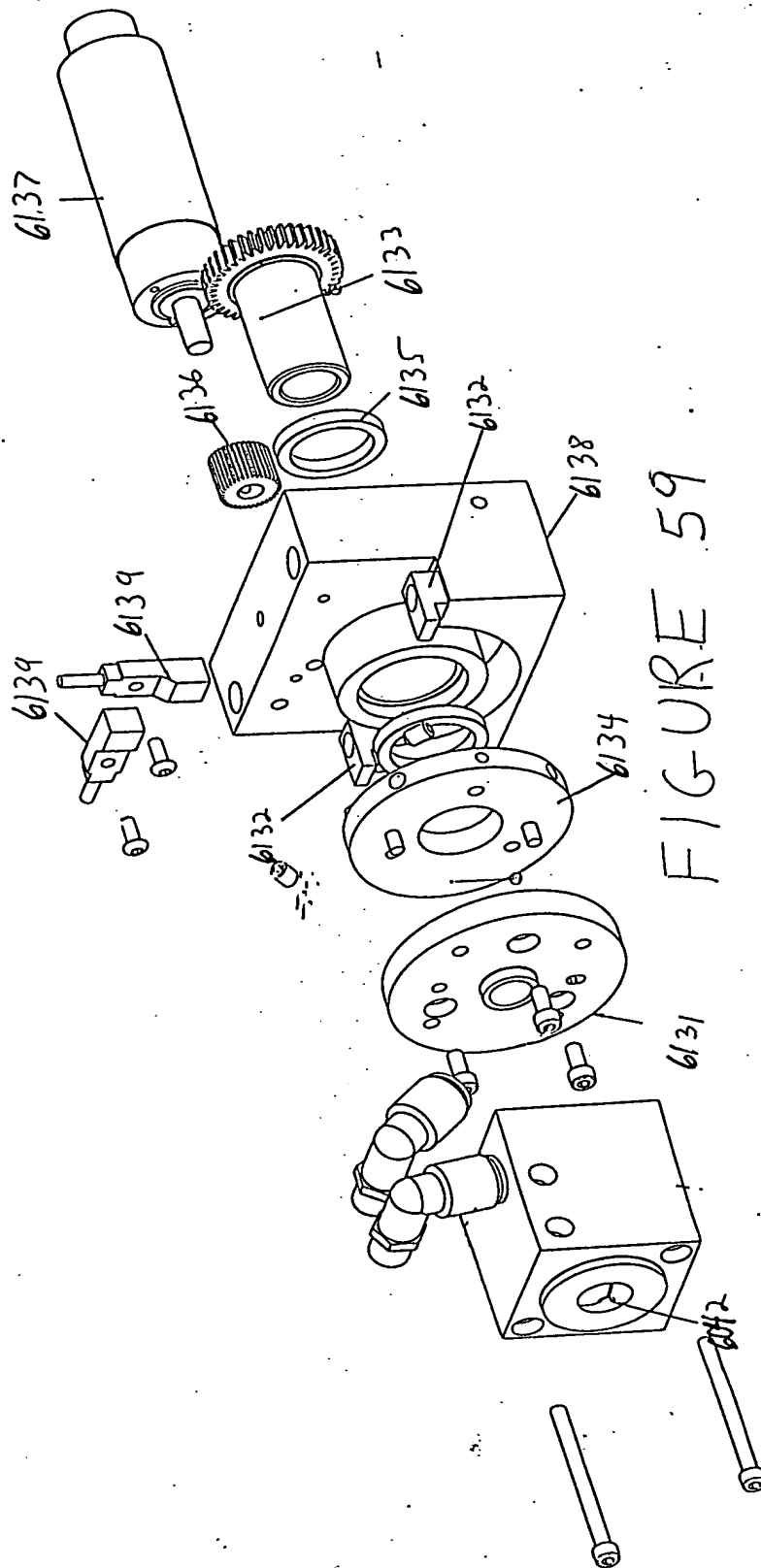


FIGURE 59

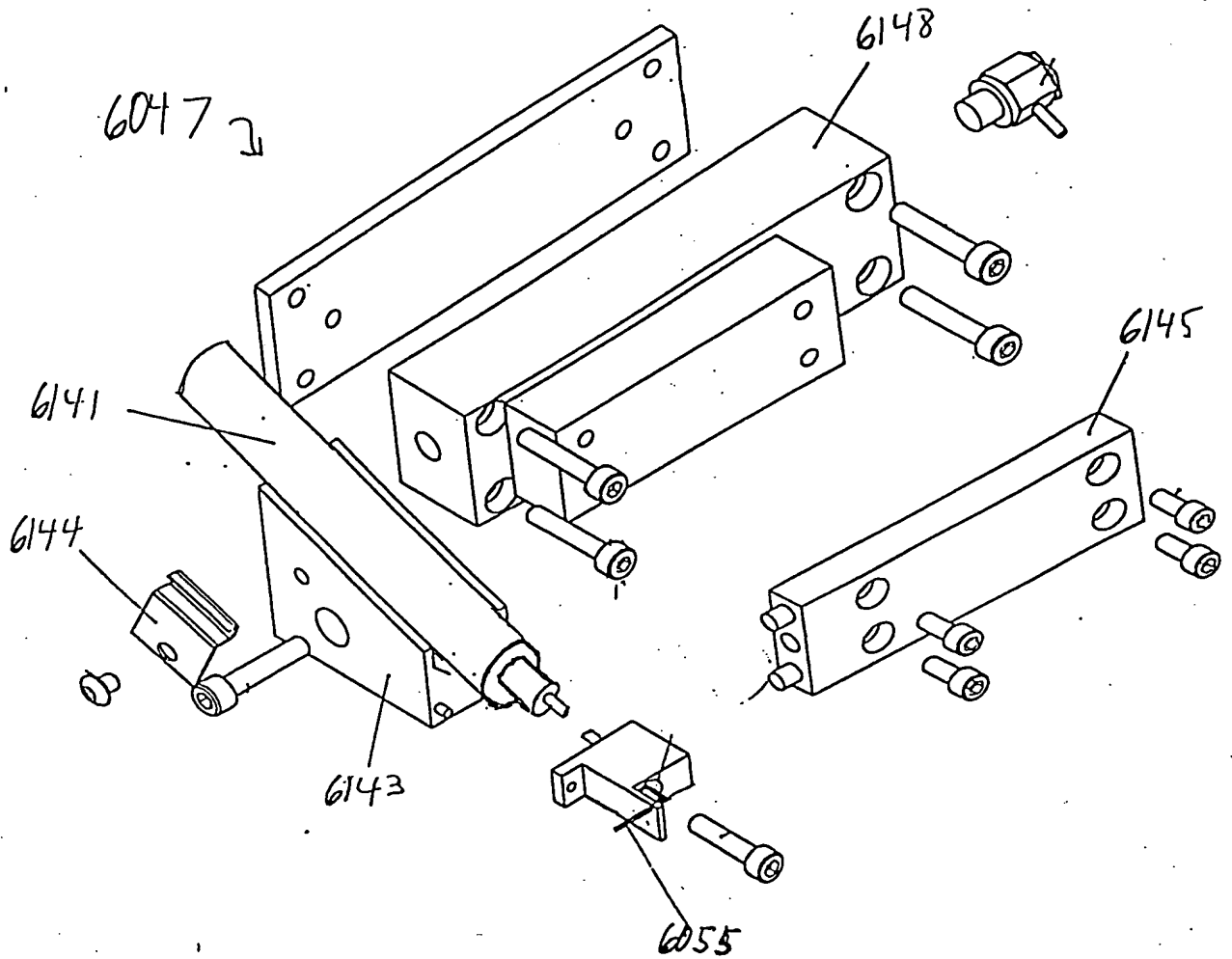


FIGURE 60

FIGURE 60

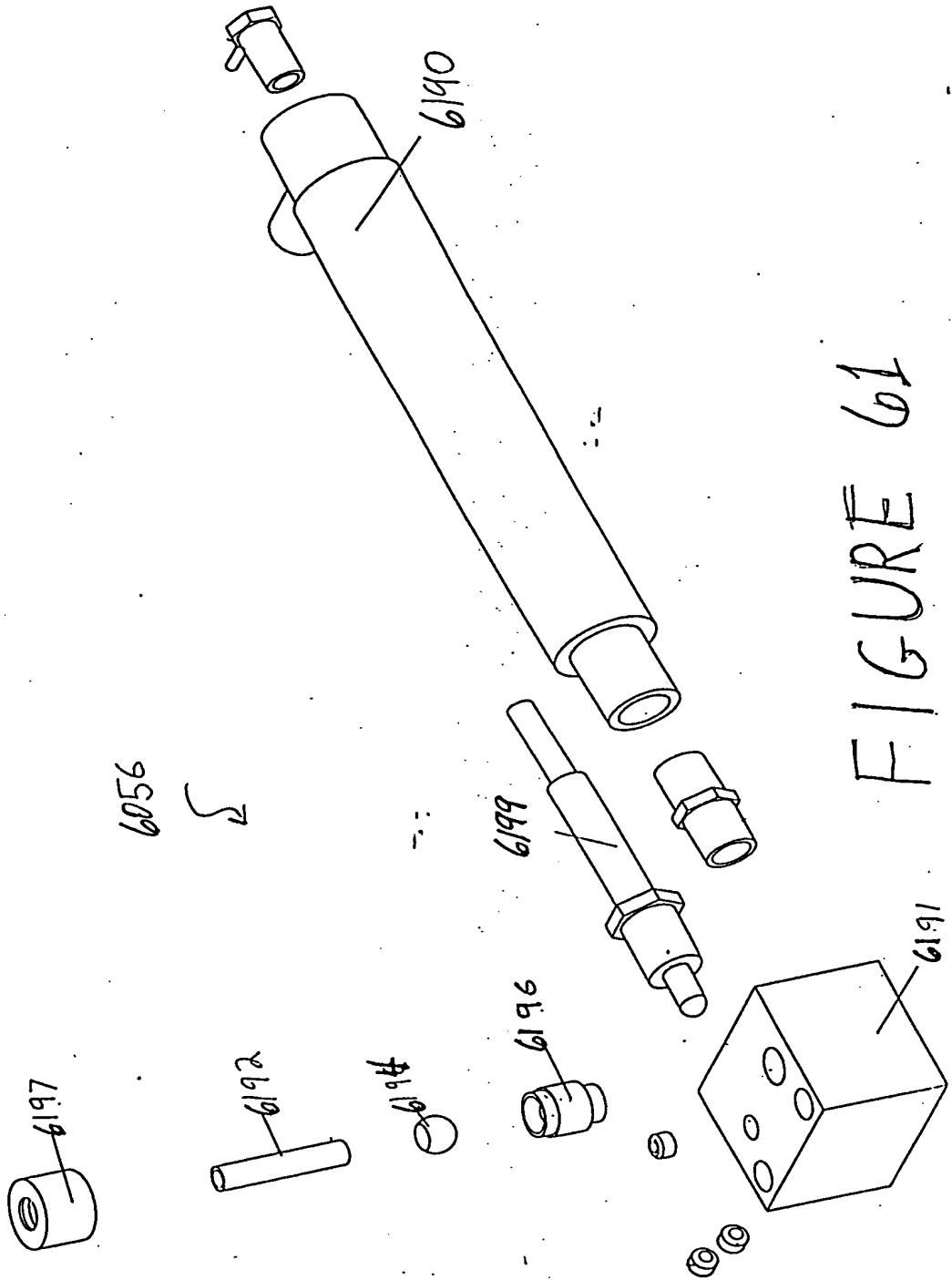


FIGURE 61

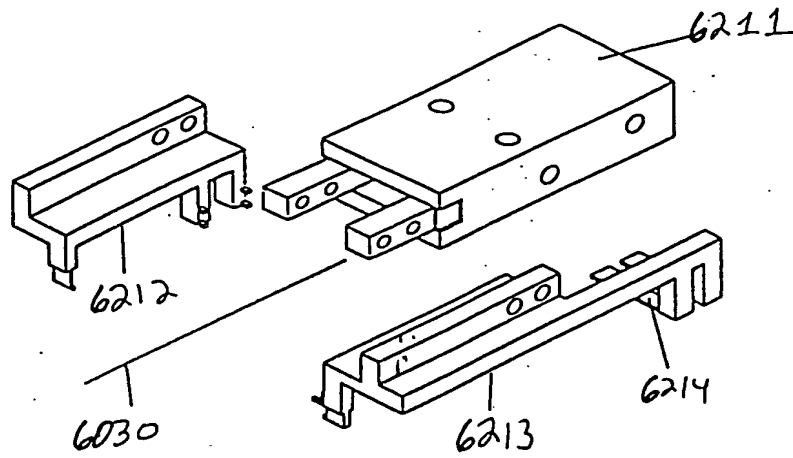


FIGURE 62

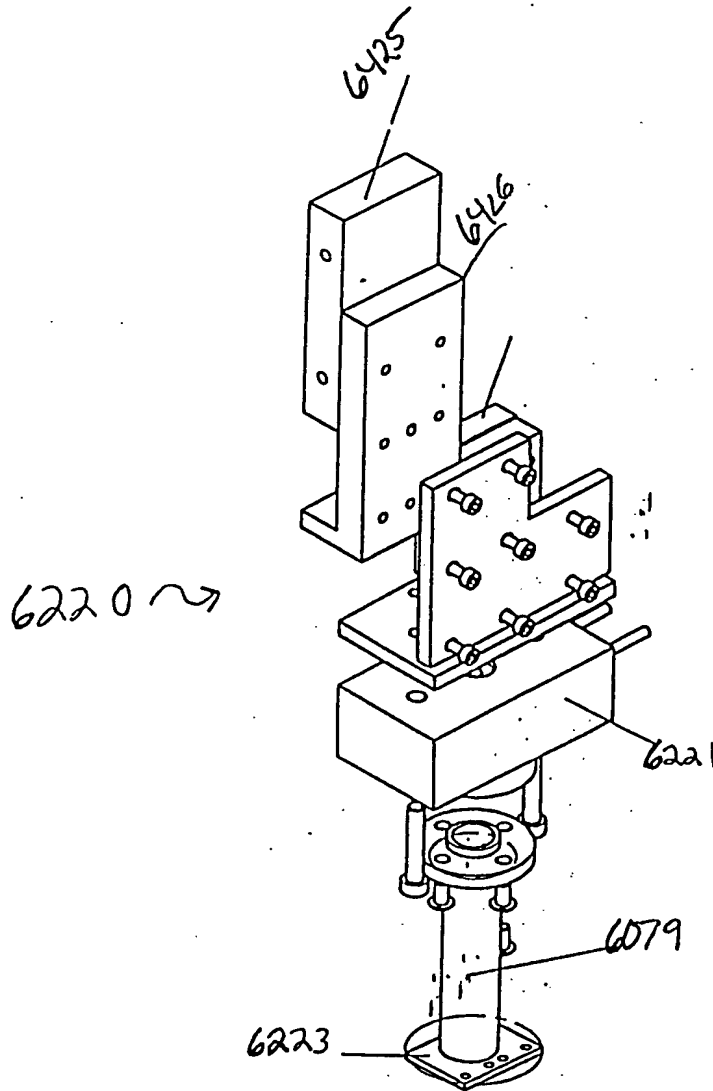


FIGURE 63

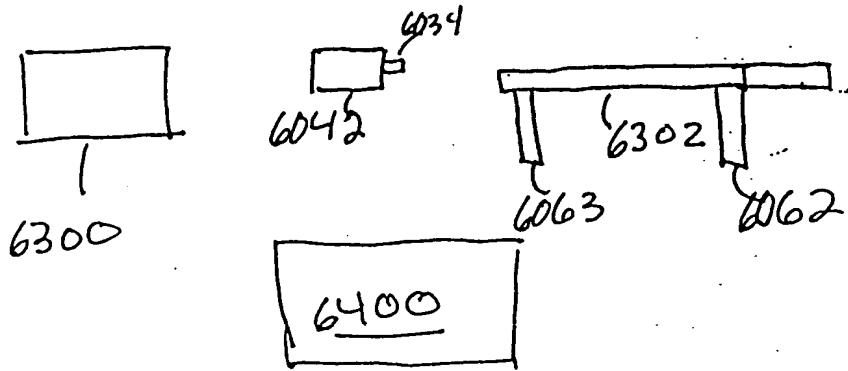


Figure 64

09/900,532, 12:18:01

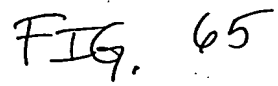


FIG. 66

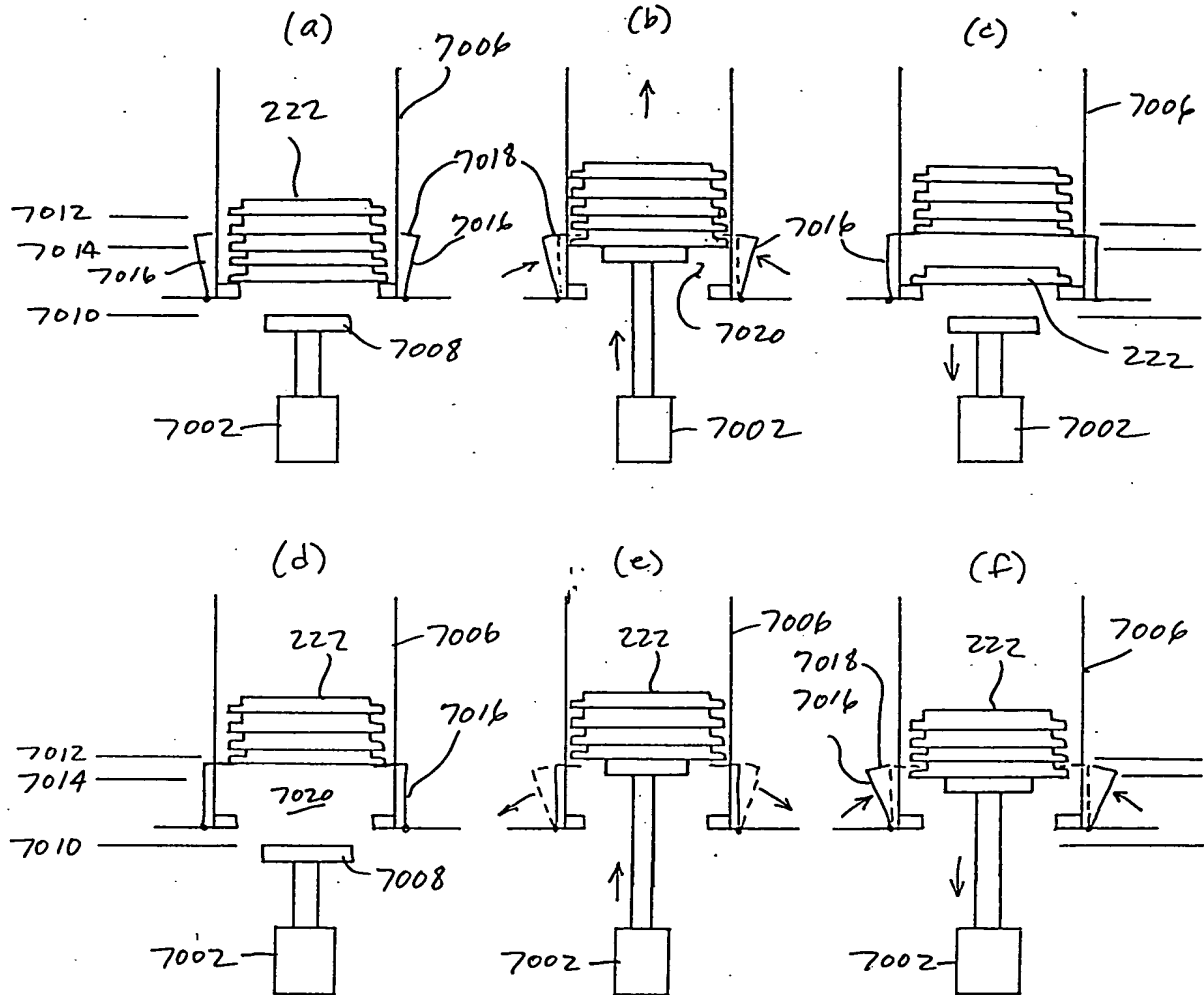
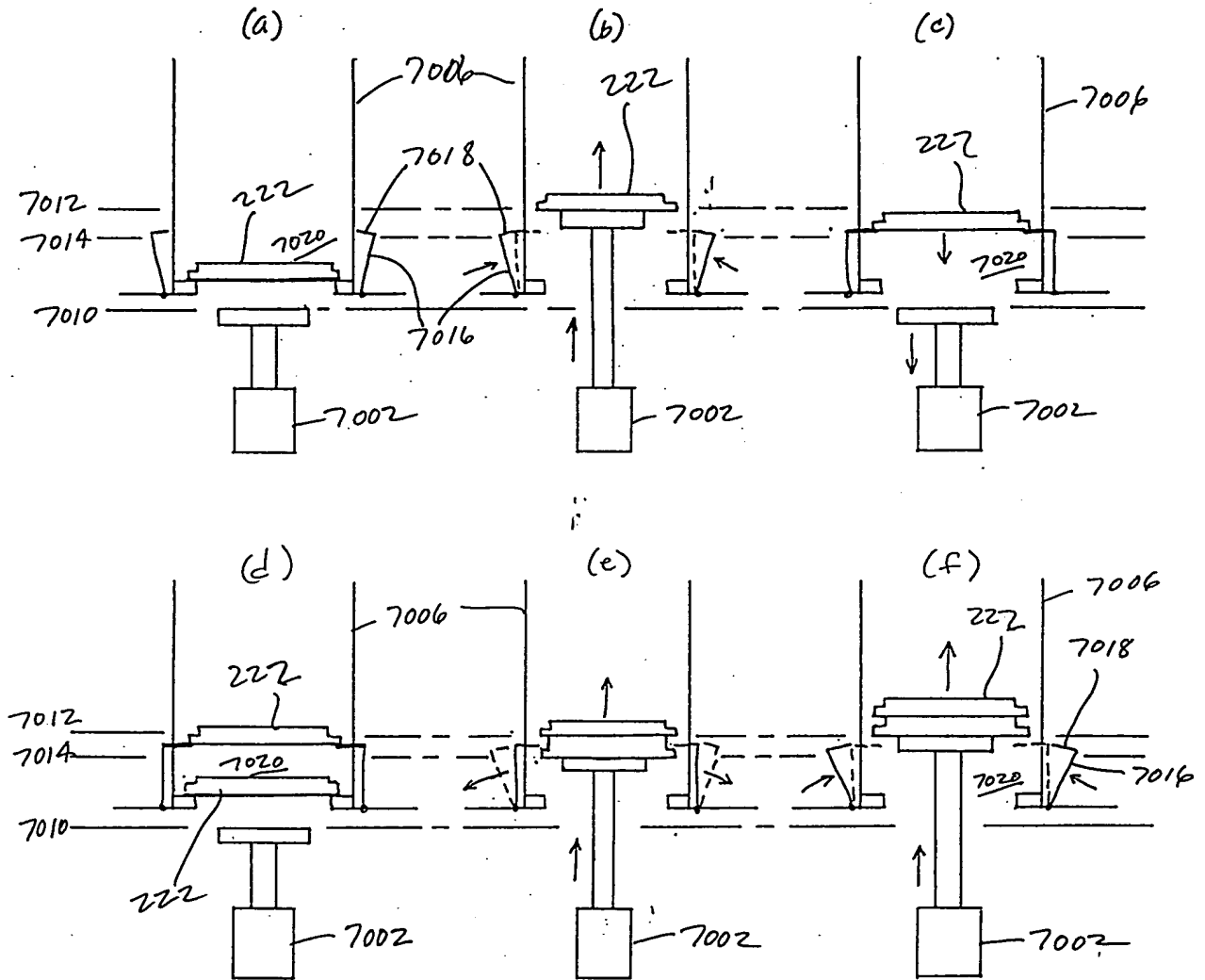


FIG. 67



09900532 2E500660

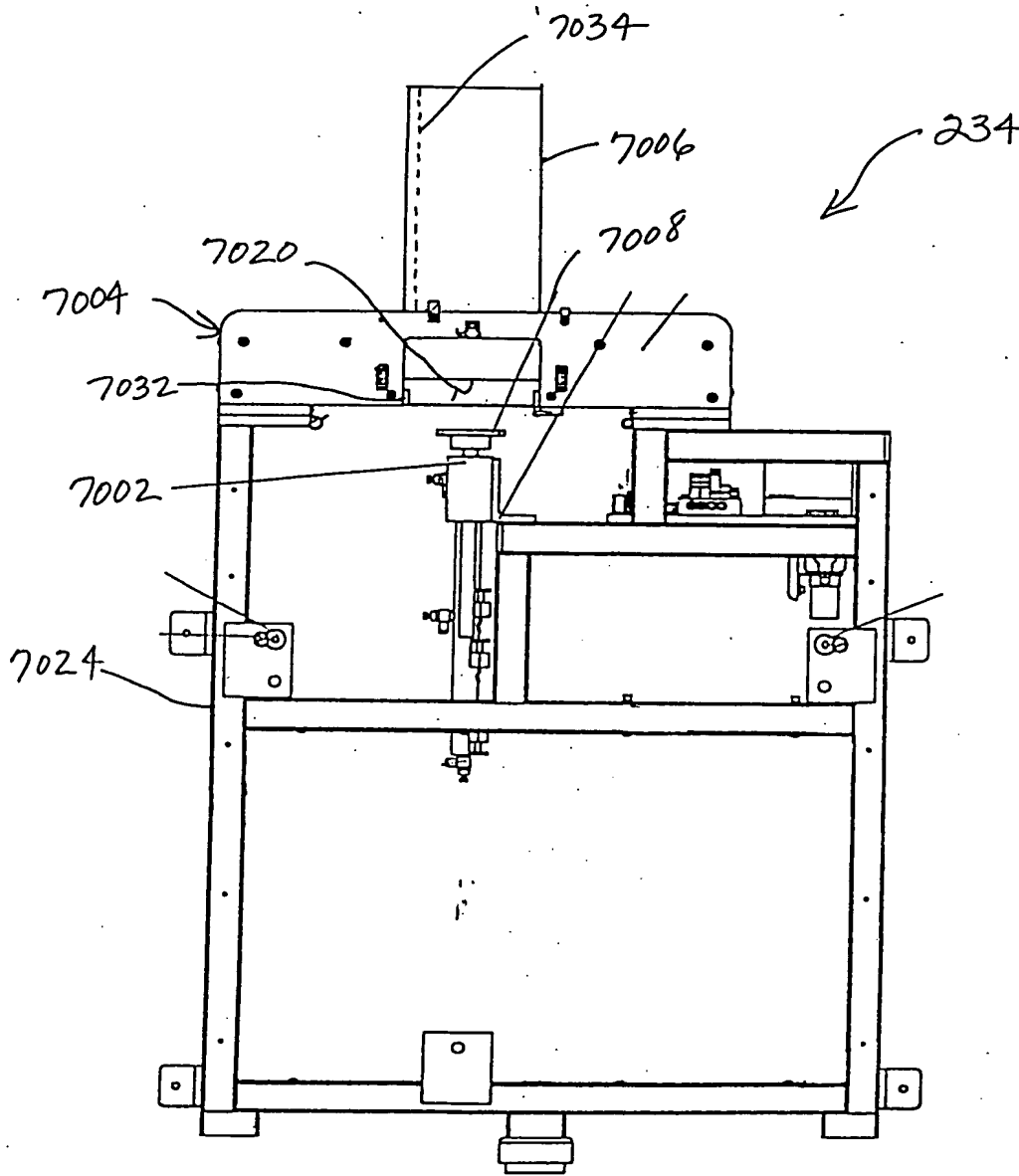


FIG. 68

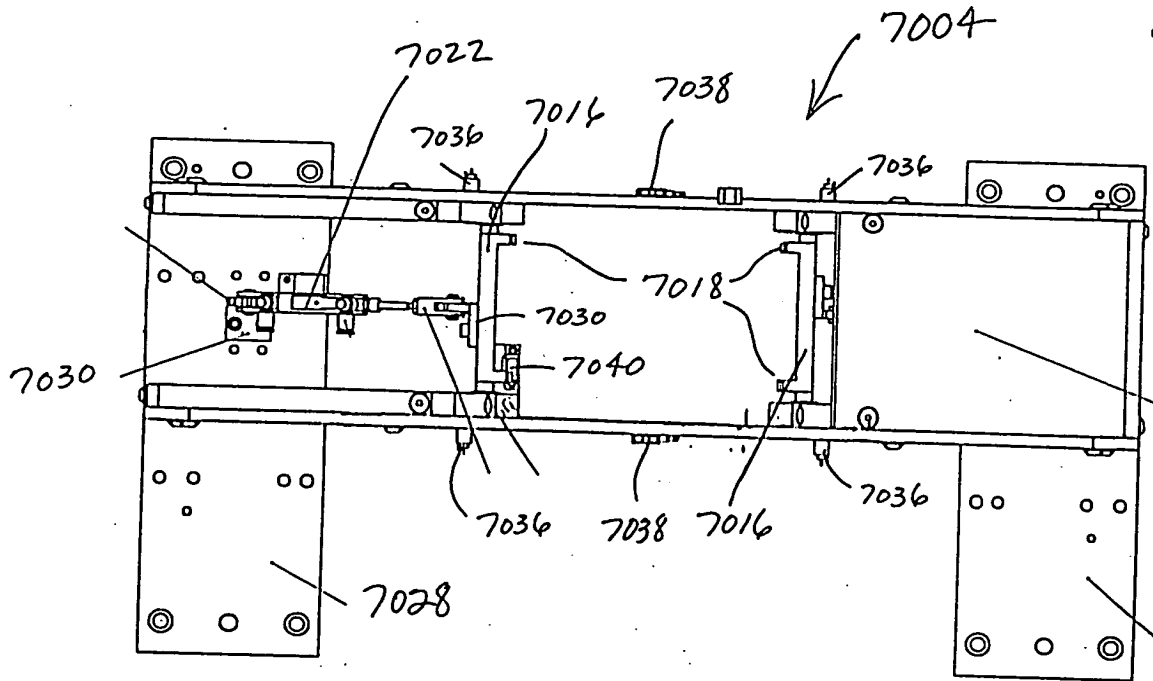


FIG. 69

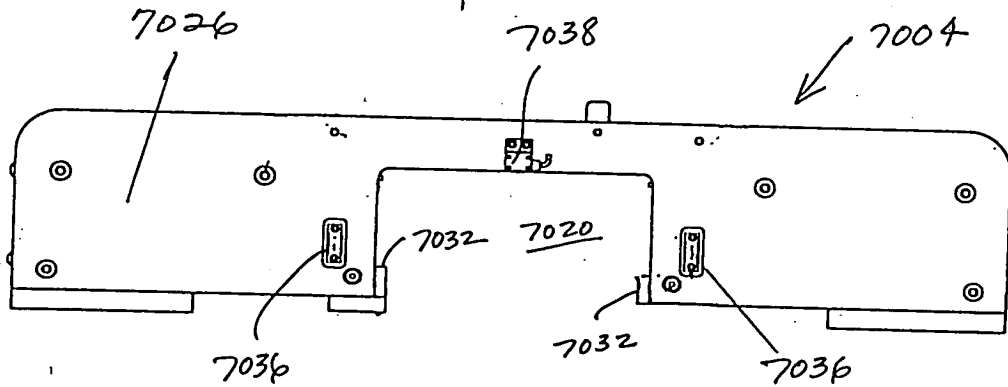


FIG. 70

FIG. 69

FIG. 71

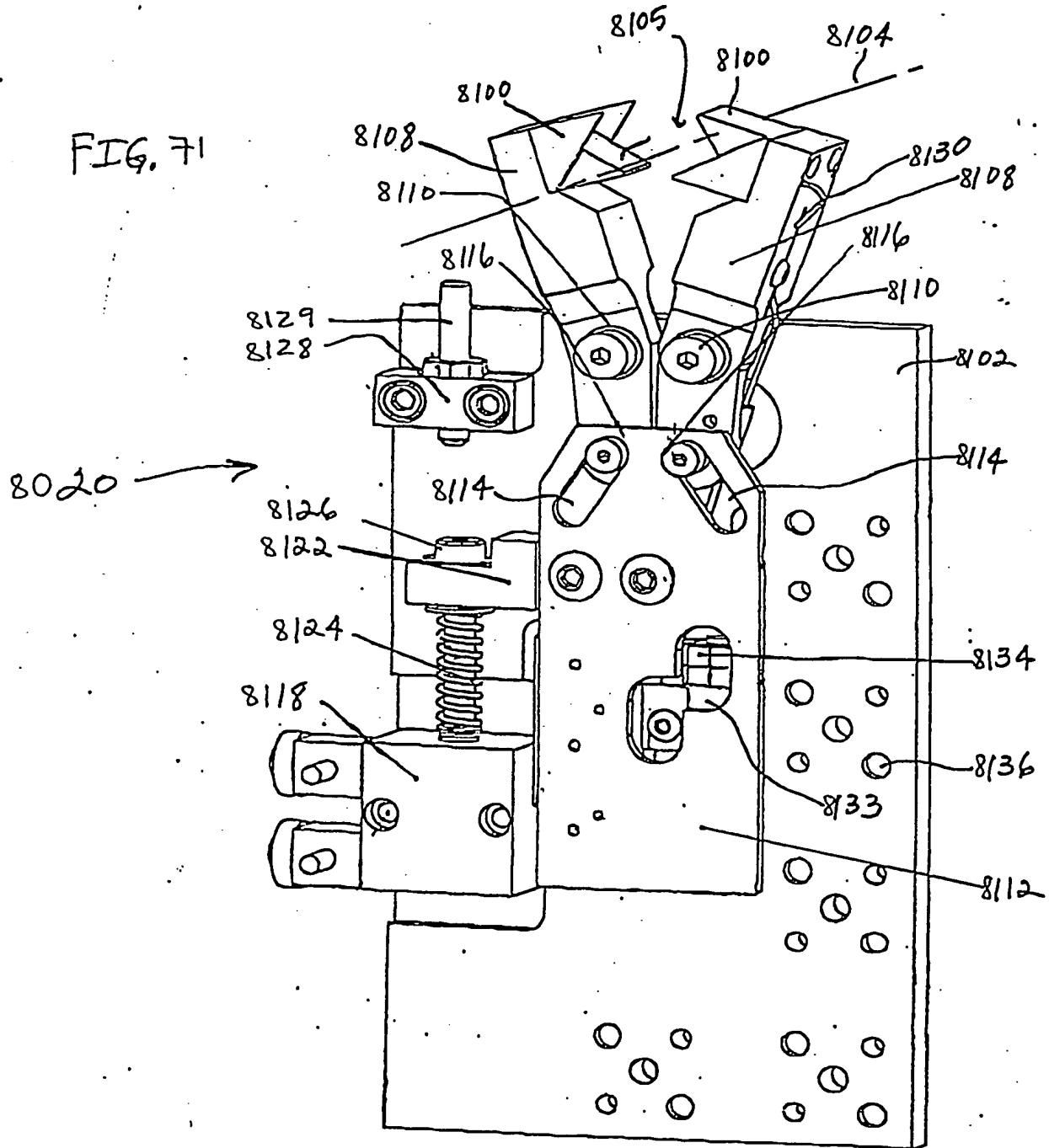
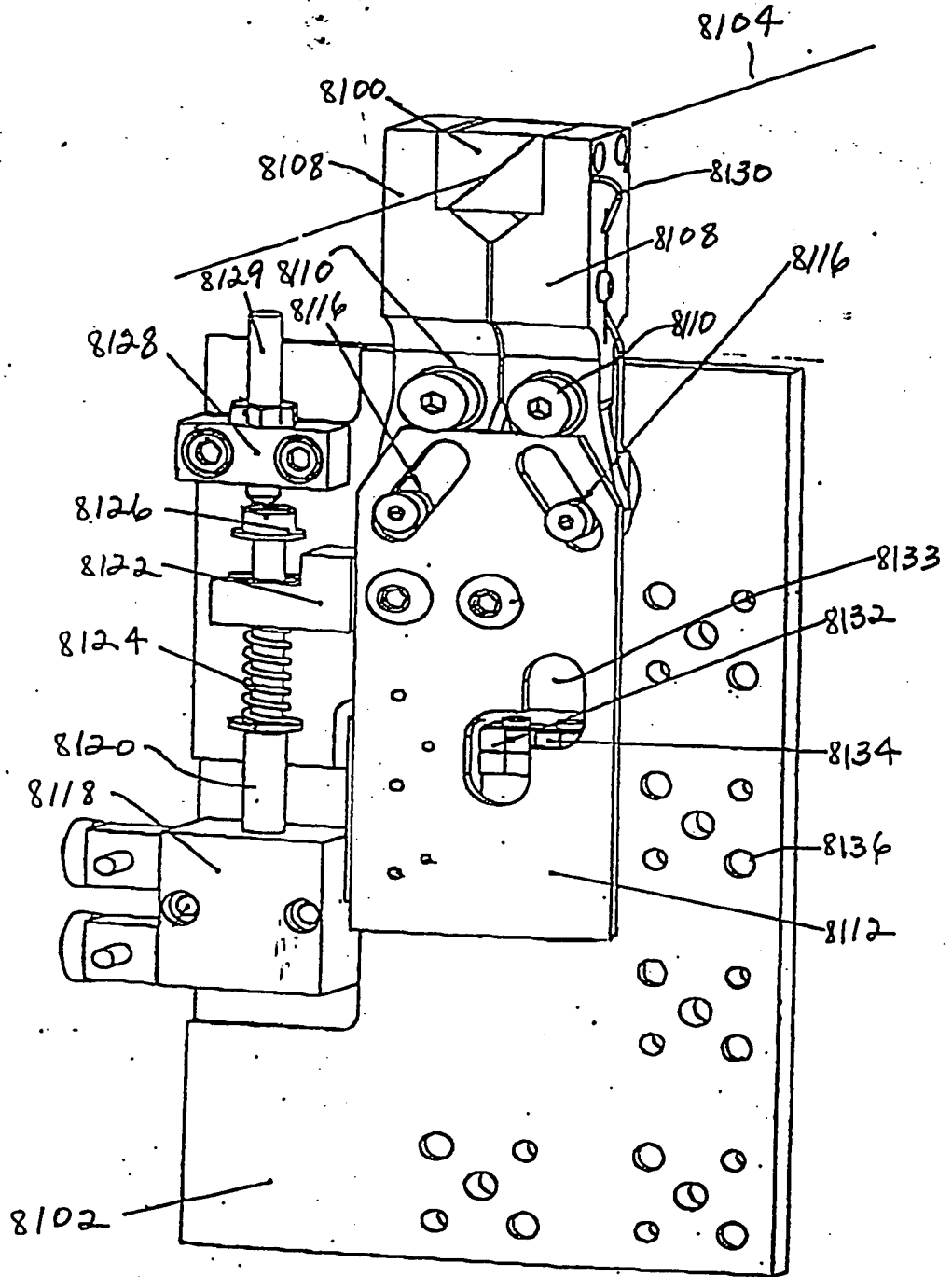


FIG. 71

FIG. 72



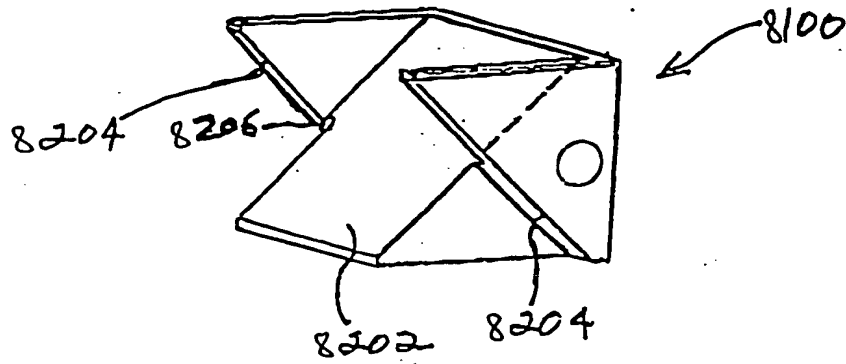


FIG. 73

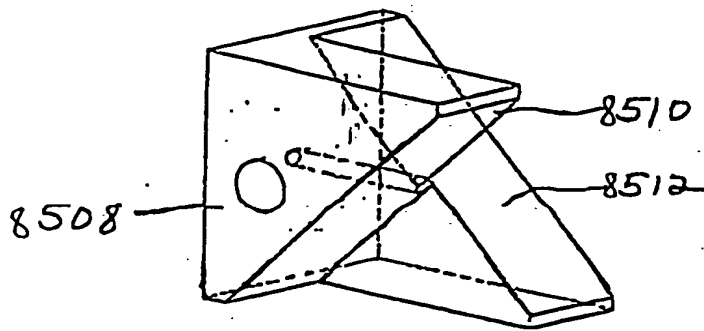
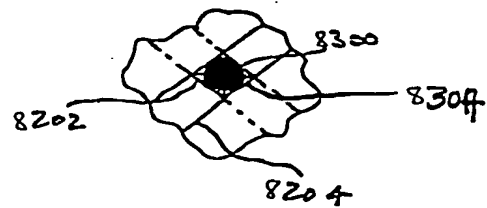
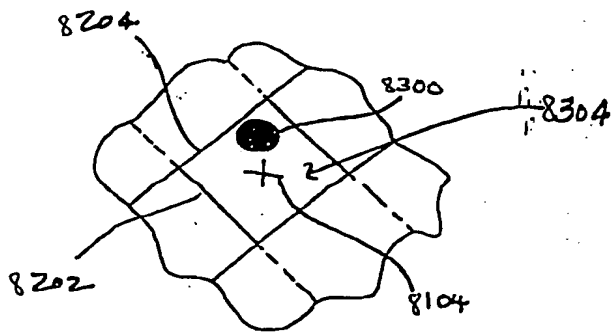
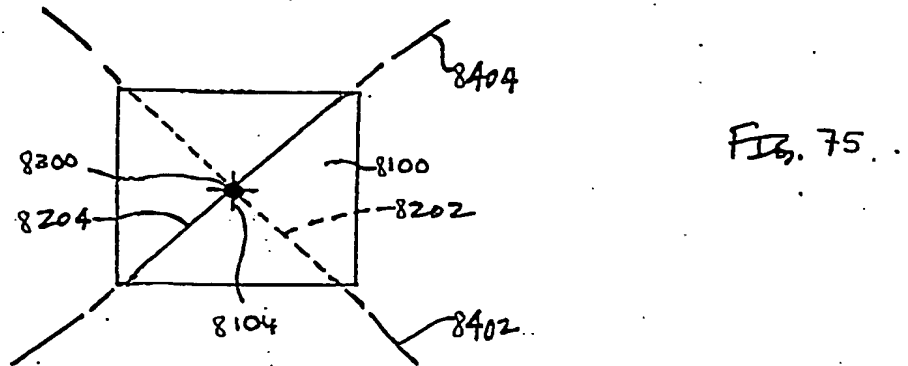
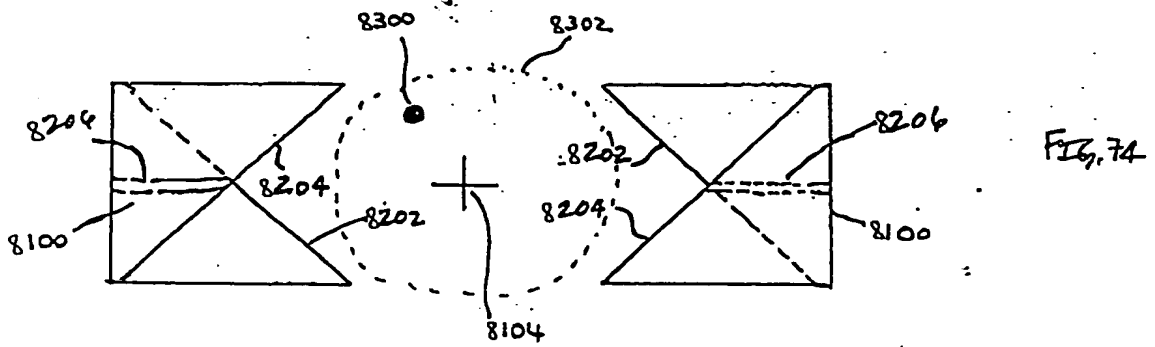


FIG. 81

09900532 121801



APPARATUS & METHOD FOR
AUTOMATED PREPARATION OF
AN OPTICAL FIBER

Christopher et al.

09/900,532

Sheet 74 of 84

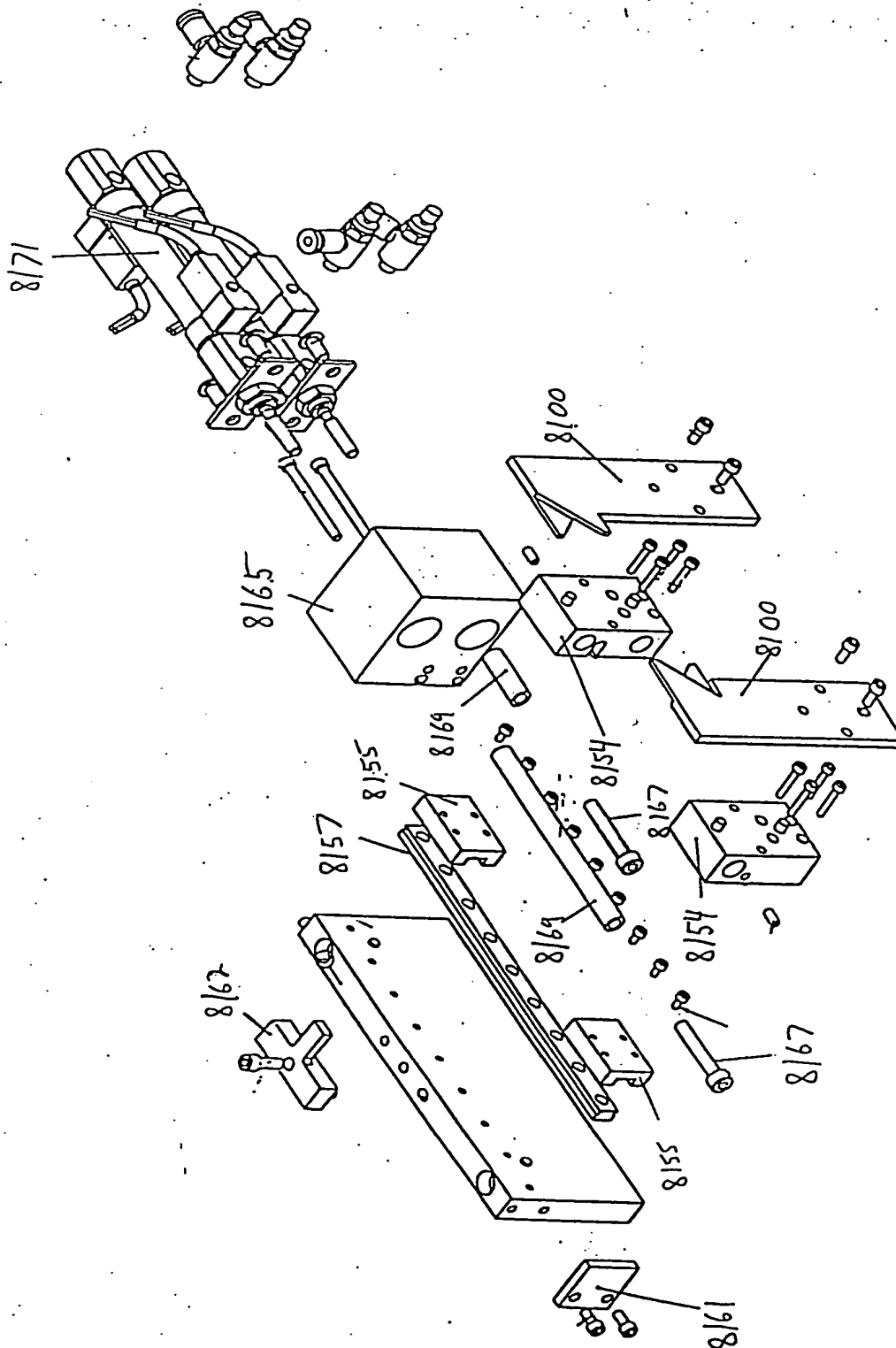
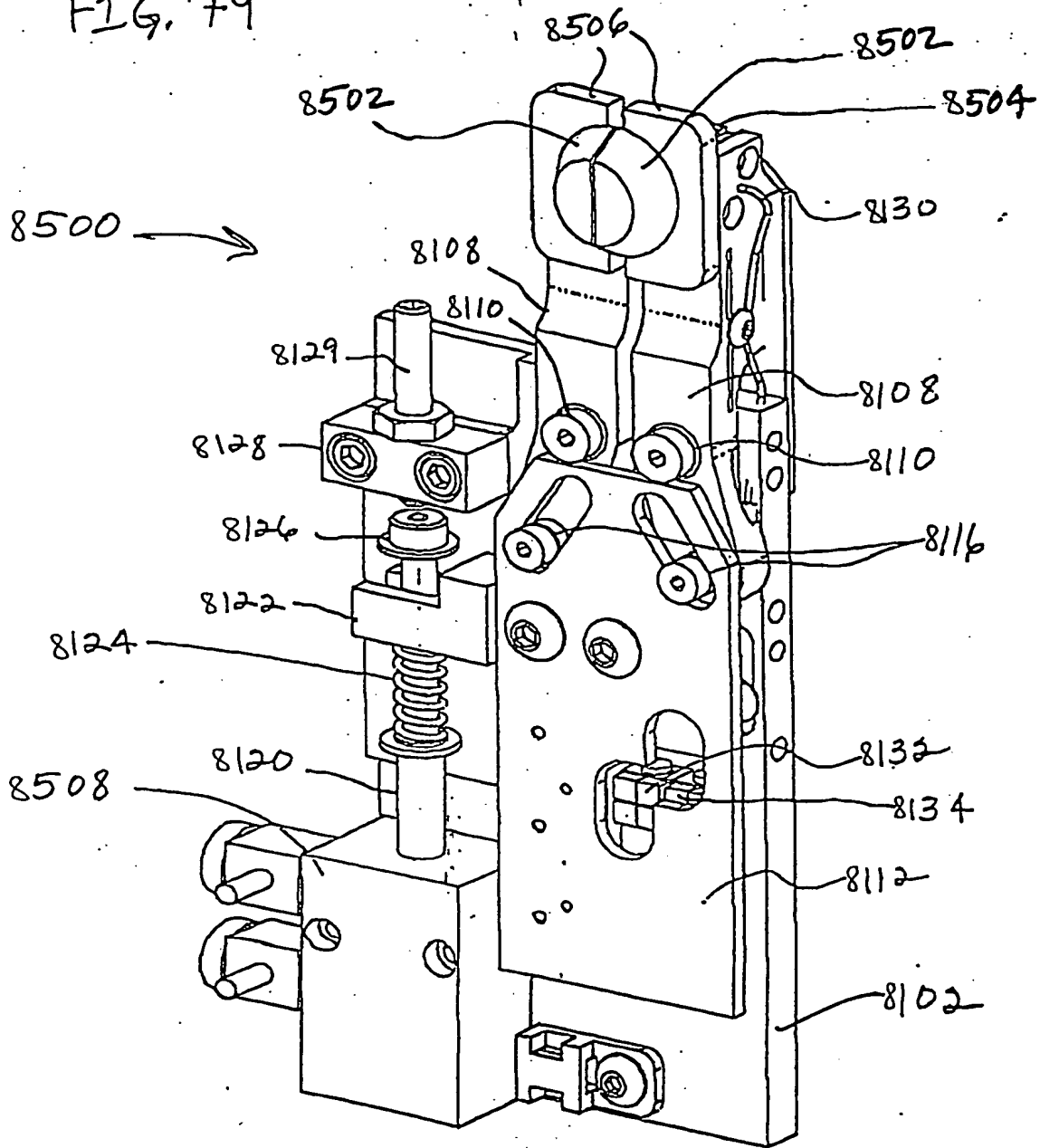


FIGURE 78

FIG. 79



Sheet 76 of 84

08/16/80

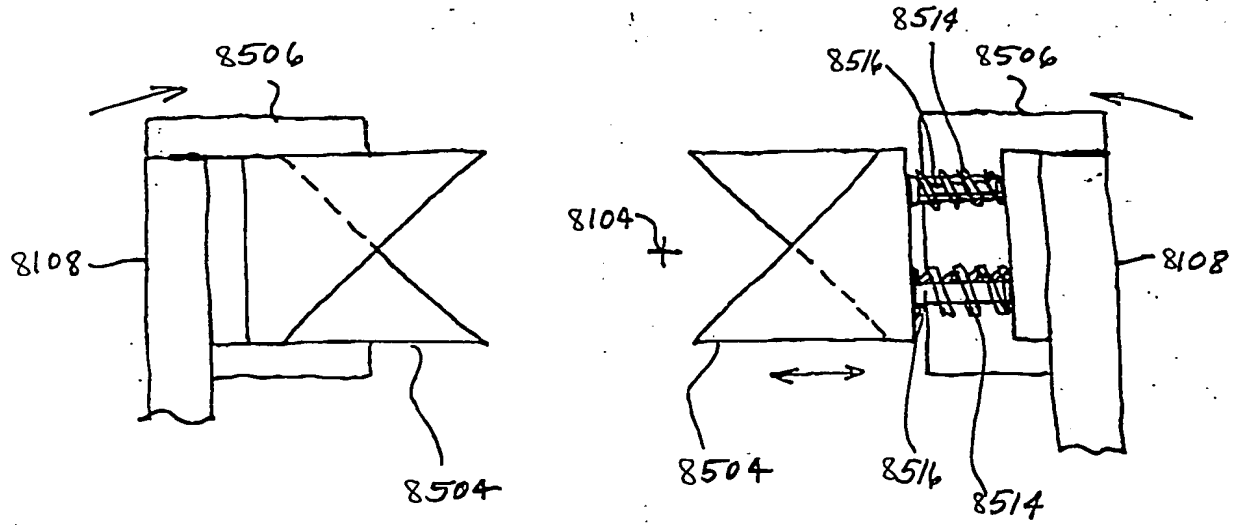


FIG. 82

09900532.1.21801

Figure 83

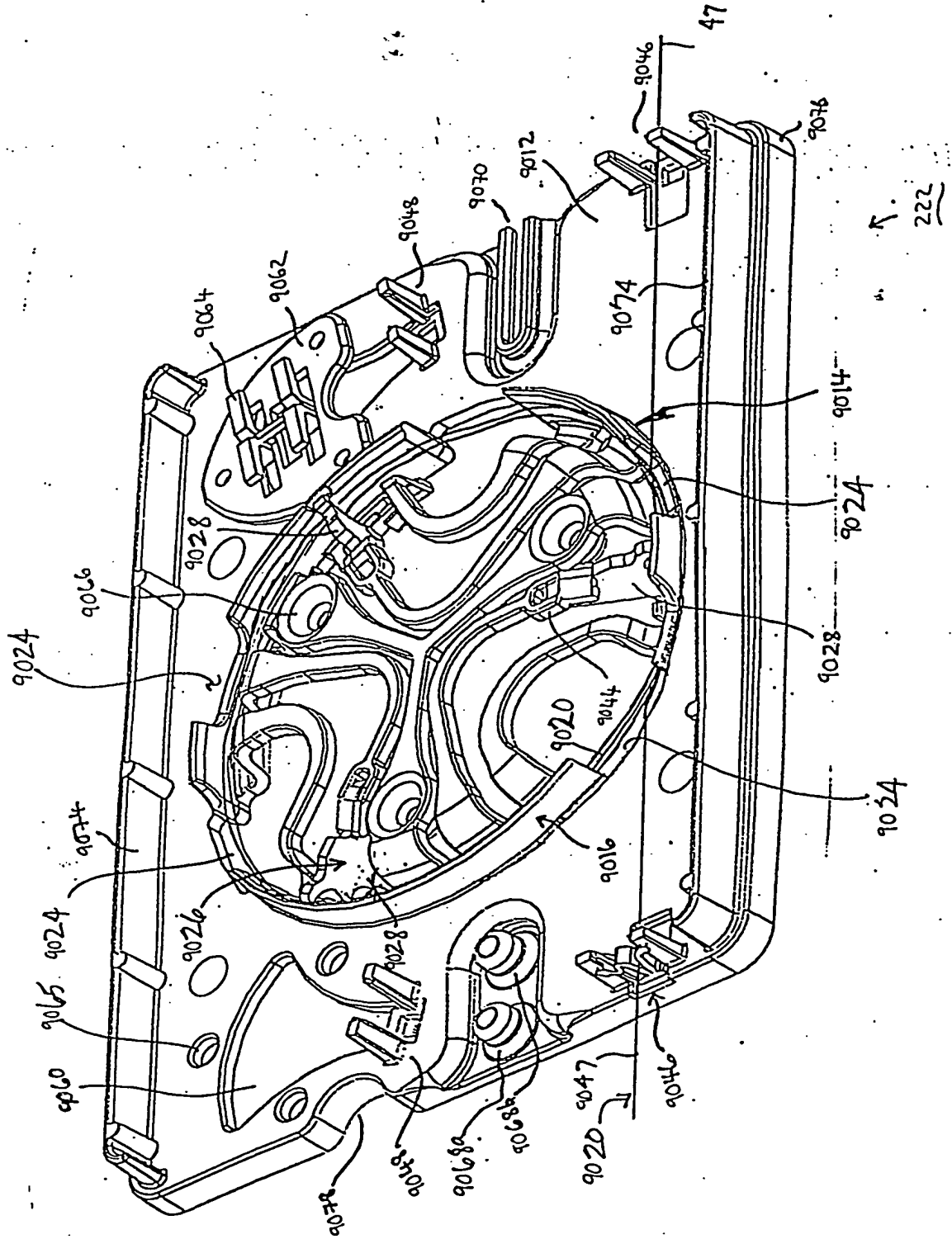


FIGURE 84

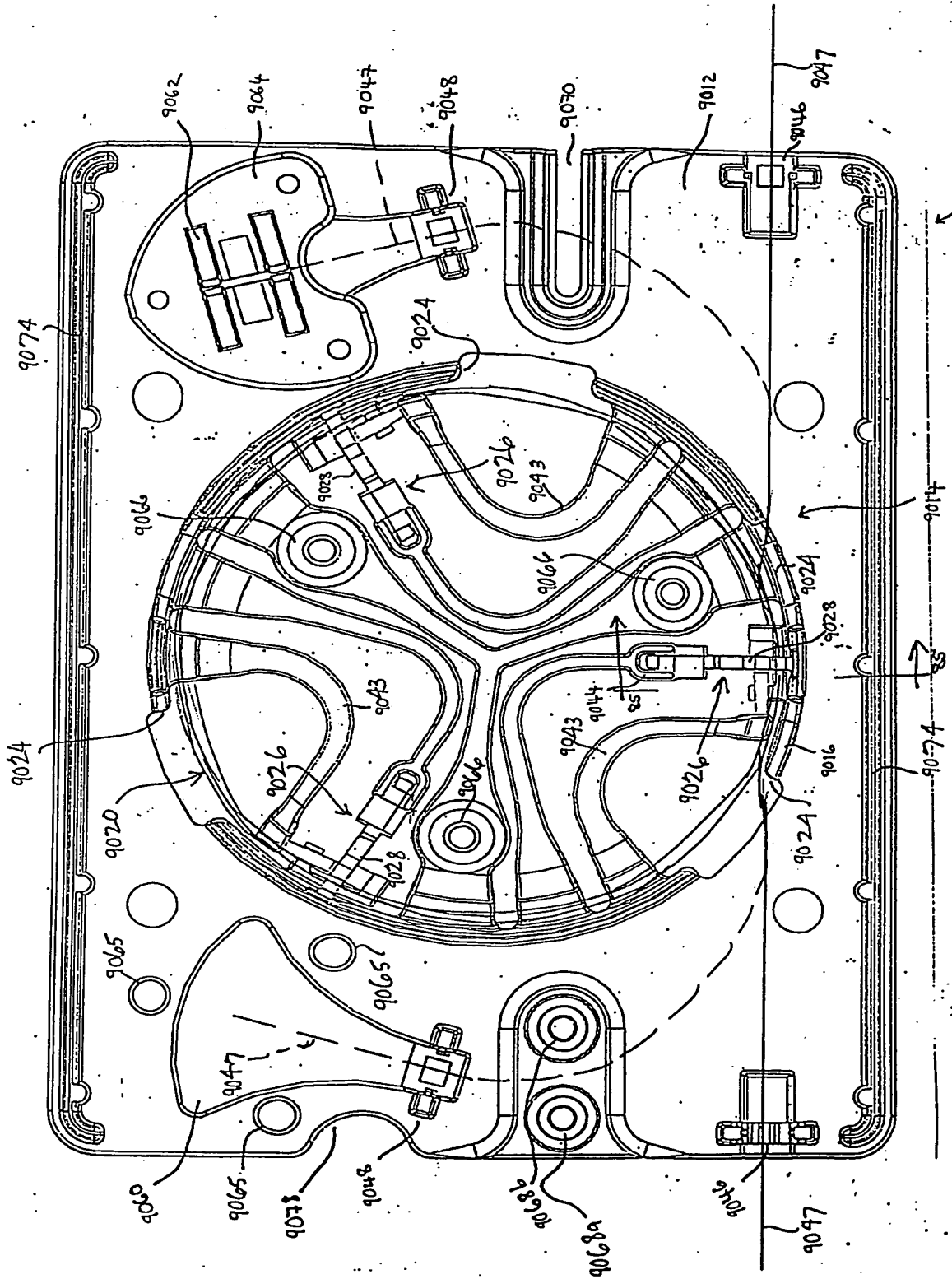


Figure 85

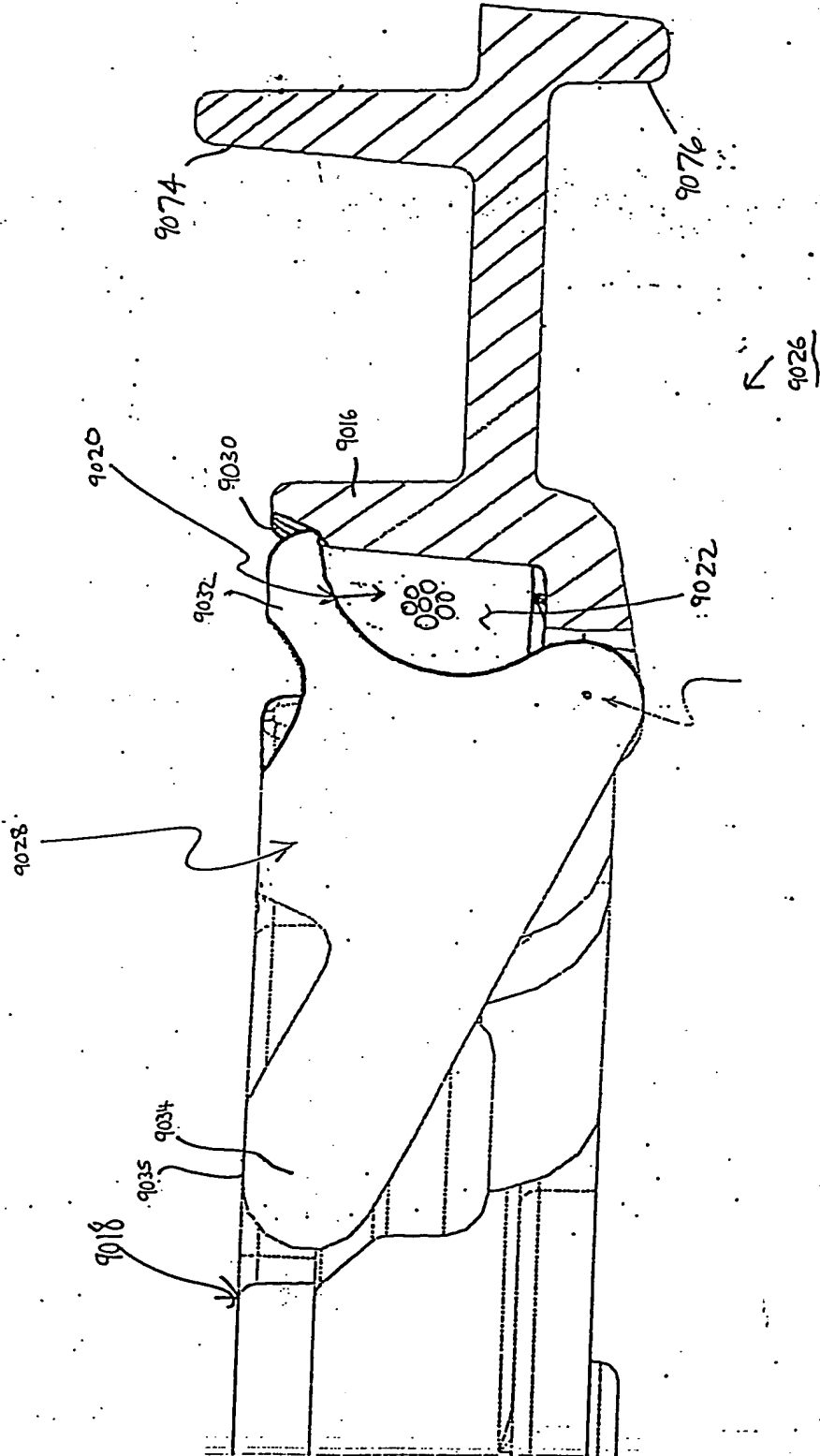


Figure 86

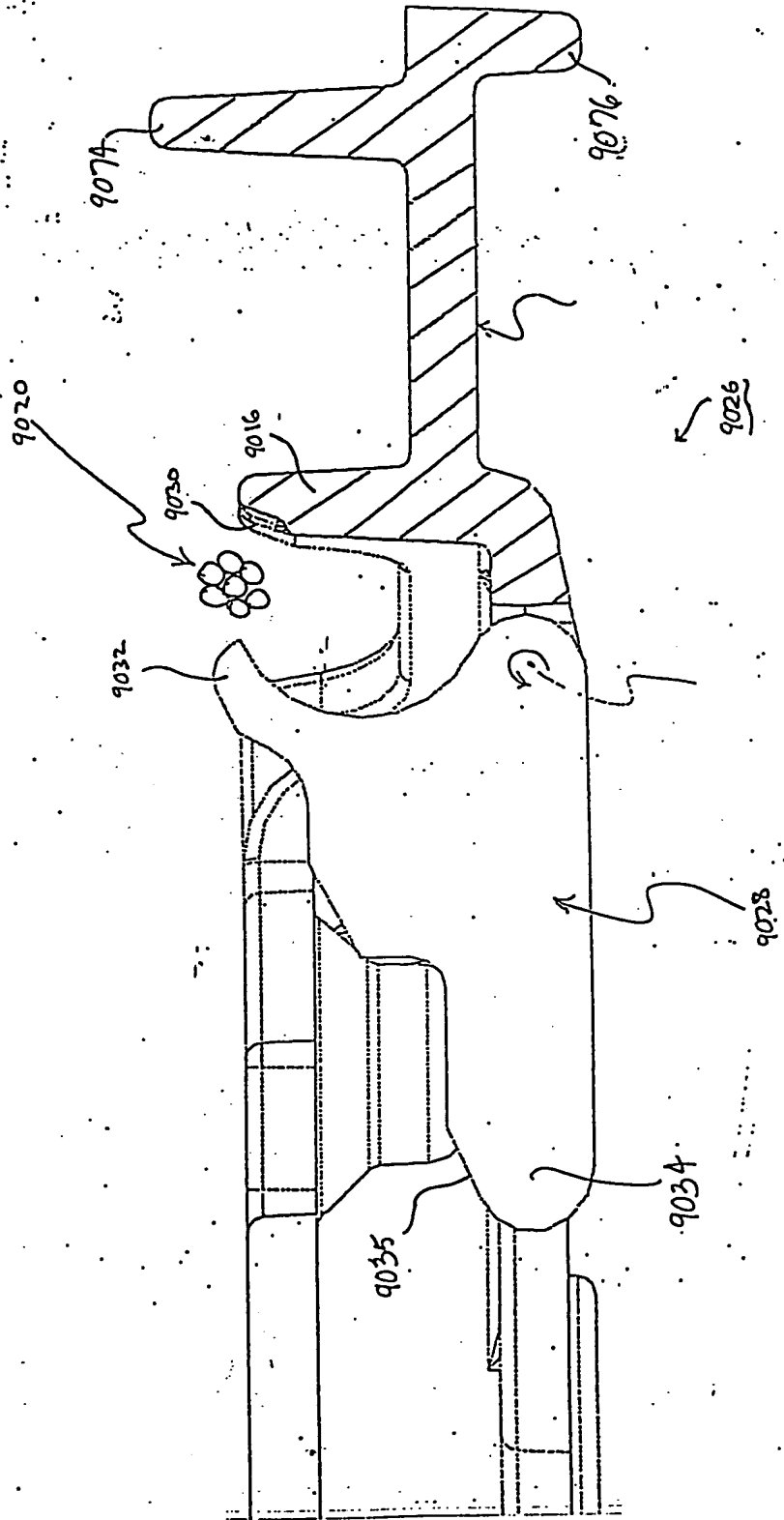
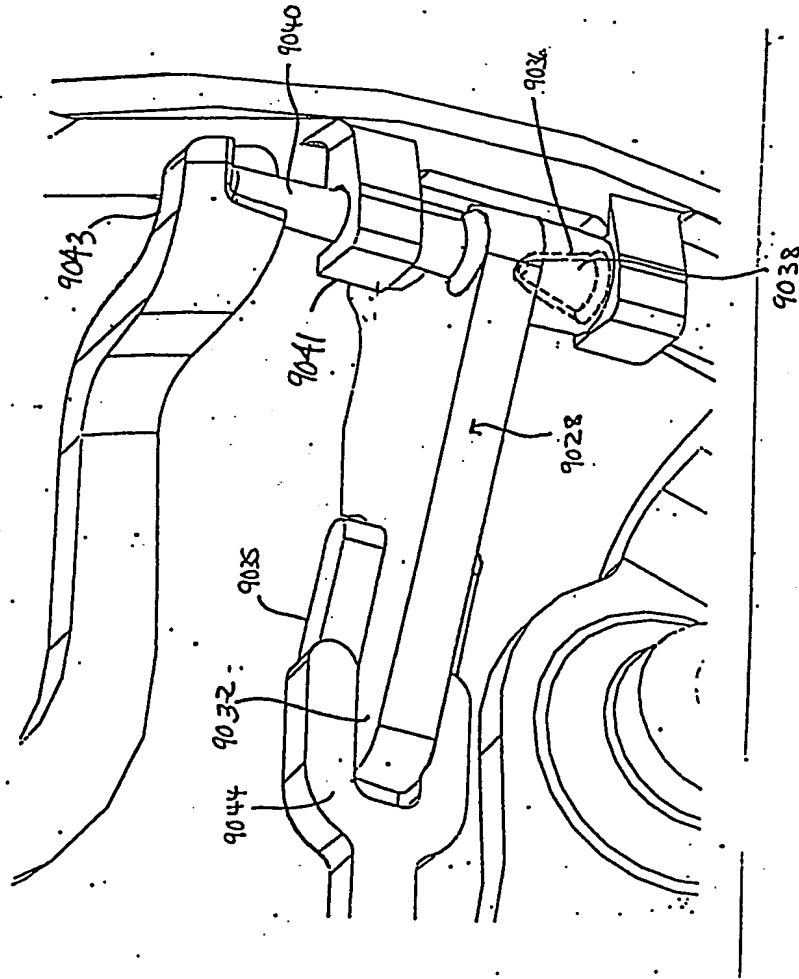


Figure 87



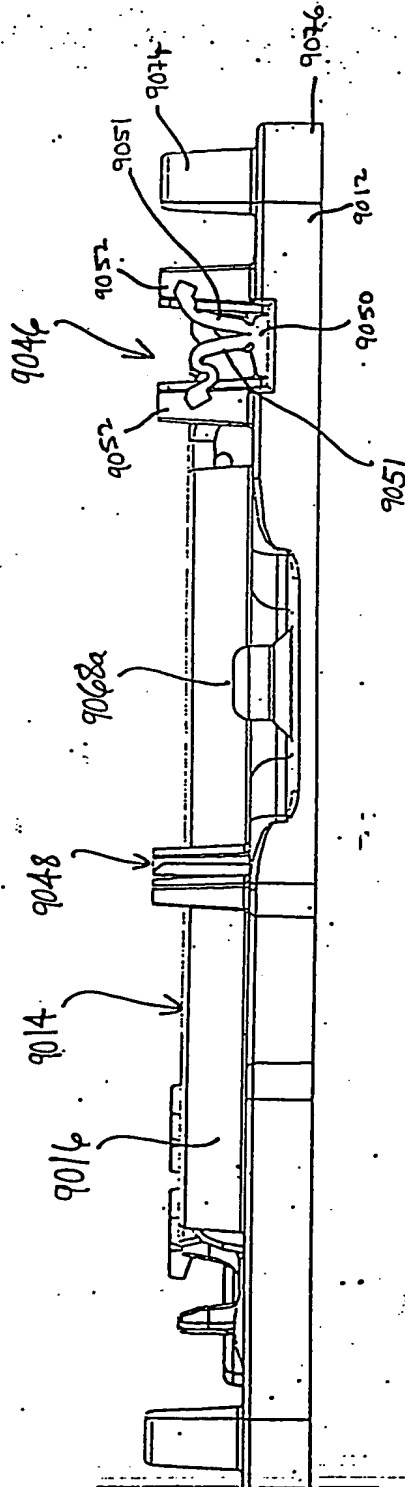


FIG. 88

FIG. 88

Figure 89

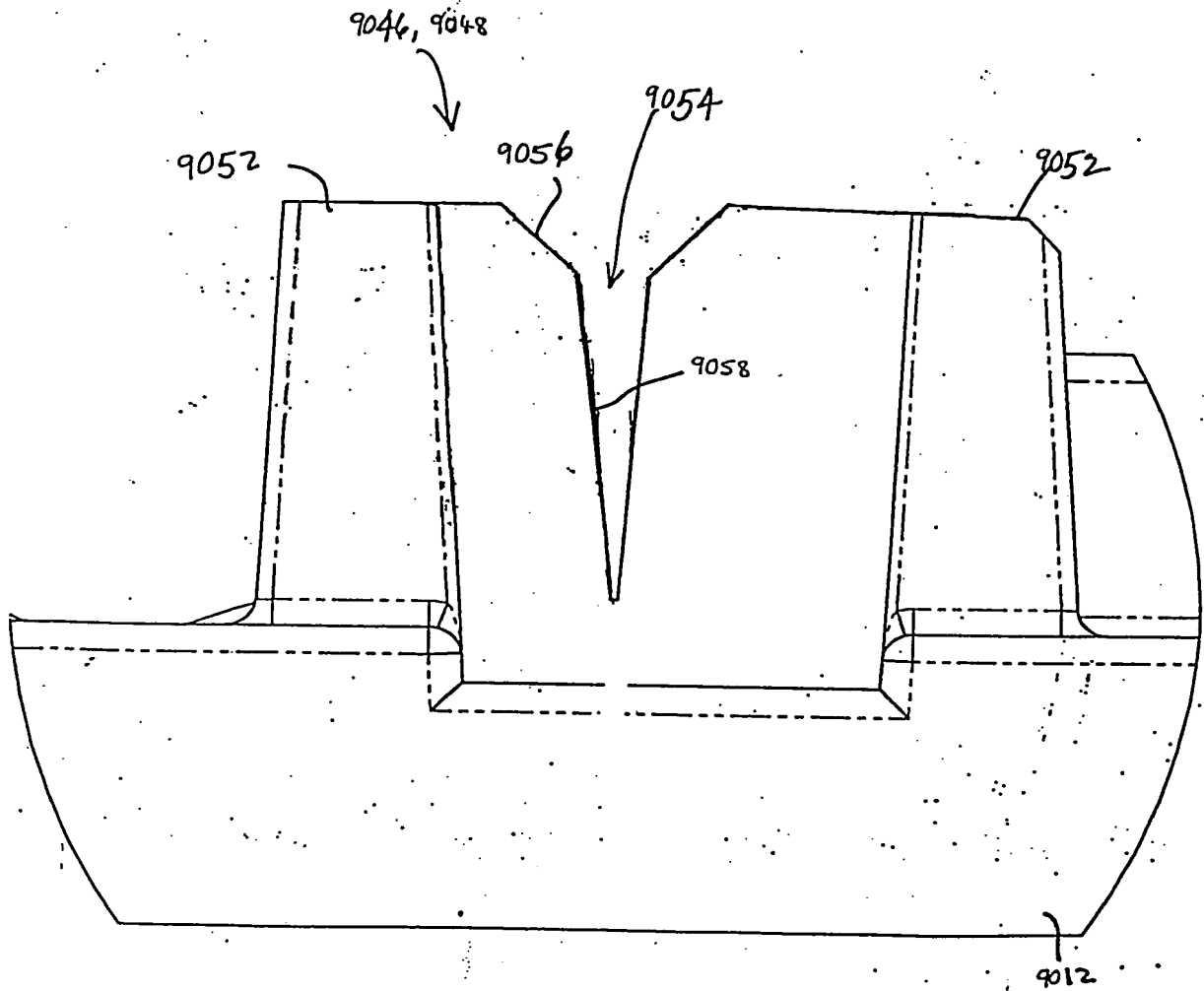


FIG. 89